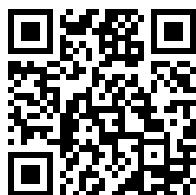

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DEPARTMENT OF COMMERCE
BUREAU OF NAVIGATION
RADIO SERVICE

COMMERCIAL AND GOVERNMENT
RADIO STATIONS OF THE
UNITED STATES

EDITION JUNE 30, 1921

GENERAL



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DEPARTMENT OF COMMERCE
BUREAU OF NAVIGATION
RADIO SERVICE

ATLANTIC UNIVERSITY
**COMMERCIAL AND GOVERNMENT
RADIO STATIONS OF THE
UNITED STATES**

EDITION JUNE 30, 1921



WASHINGTON
GOVERNMENT PRINTING OFFICE
1921

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AMATEUR RADIO
YEARBOOK

Additional copies of this publication may be procured from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 15 cents per copy.

Copies of other publications of the Radio Service, Department of Commerce, may also be procured from the Superintendent of Documents, as follows: Amateur Radio Stations of the United States, 15 cents; Radio Communication Laws and Regulations, 15 cents each; Radio Service Bulletin (issued monthly), containing amendments to or changes in radio laws and regulations and items of general interest concerning their enforcement, with latest information concerning all radio stations, except amateur, 5 cents each or 25 cents per year.

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NOTES.

Supplements, under the title "Radio Service Bulletin," are issued monthly and distributed to the United States officers engaged in or concerned with the enforcement of the radio laws for their guidance and instruction and to those concerned with the operation of Government and commercial radio stations for their information.

Amendments to or changes in the Radio Laws and Regulations of the United States are printed in this bulletin in such a manner that they may be clipped and pasted in their proper places in that publication.

Items of general interest concerning the enforcement of the radio laws are printed in the bulletin from time to time, as occasion warrants.

Copies of this bulletin may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents per copy or 25 cents per year.

Underscoring of normal wave length is indicated by the use of italics.

ABBREVIATIONS USED IN THIS LIST.

Nature of service:

PG=General public.

PR=Limited public.

P=Private (limited commercial and special).

O=Government business exclusively.

Hours of operation:

N=Continuous service.

X=No regular hours.

Vessel owners:

U. S. S. B.=United States Shipping Board.

Radio companies:

C. & W. R. C.=Cutting & Washington Radio Corporation.

F. T. Co.=Federal Telegraph Co.

I. R. T. Co.=International Radio Telegraph Co.

I. W. T. Co.=Independent Wireless Telegraph Co.

R. C. of A.=Radio Corporation of America.

S. O. R. S.=Ship Owners Radio Service.

T. R. T. Co.=Tropical Radio Telegraph Co.

Classification:

b=Ship station.

c=Land station.

DF=Direction-finding service only, general public, no charges.

COMMERCIAL AND GOVERNMENT RADIO STATIONS OF THE UNITED STATES.

INTRODUCTION.

The list, including land and ship stations, is published in accordance with section 1 of an act of Congress entitled "An act to regulate radio communication," approved August 13, 1912.

This publication contains a complete list of the commercial and Government land and ship stations, technical and training stations, experimental stations, and special amateur stations. A complete list of Amateur Radio Stations of the United States is printed separately, copies of which are available only from the Superintendent of Documents, Government Printing Office, Washington, D. C., at a nominal price.

The following instructions concerning radio call letters are issued for the information of those concerned:

1. Section 7 of the act of August 13, 1912, to regulate radio communication provides:

Sec. 7. That a person, company, or corporation within the jurisdiction of the United States shall not knowingly utter or transmit, or cause to be uttered or transmitted, any false or fraudulent distress signal or call or false or fraudulent signal, call, or other radiogram of any kind. The penalty for so uttering or transmitting a false or fraudulent distress signal or call shall be a fine of not more than two thousand five hundred dollars or imprisonment for not more than five years, or both, in the discretion of the court, for each and every such offense, and the penalty for so uttering or transmitting, or causing to be uttered or transmitted, any other false or fraudulent signal, call, or other radiogram shall be a fine of not more than one thousand dollars or imprisonment for not more than two years, or both, in the discretion of the court, for each and every such offense.

2. The Service Regulations of the International Radiotelegraphic Conventions provide that the call letters of stations in the international system must each be formed of a group of three letters which shall be distinguishable from one another. The London International Radiotelegraphic Conference made a partial allotment of call letters among nations which signed the convention, and the International Bureau at Berne, with the consent of such nations, has modified and added to this assignment of call letters by circulars April 1, 1914, and August 1, 1915. The distribution of call letters among nations thus authorized is printed as follows for the guidance of operators of all stations (ship and shore) of the United States:

6 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

AAA to AMZ..	Germany.	OJA to OJZ ..	Finland.
ANA to APZ..	Dutch Indies.	OKA to OKZ..	Czechoslovakia.
AQA to AWZ..	Norway.	OLA to OMZ ..	Netherlands.
AXA to AZZ..		ONA to OTZ..	Belgium and colonies.
B.....	Great Britain.	OUA to OZZ ..	Denmark.
CAA to CEZ..	Chile.	PAA to PIZ..	Netherlands.
CFA to CKZ ..	Great Britain and pro- tectorates.	PJA to PJM..	Curacao.
CLA to CMZ..	Spain.	PJN to PJZ ..	Surinam.
CNA to CNZ..	Morocco.	PKA to PMZ..	Dutch Indies.
COA to COZ ..	Great Britain.	PNA to PPZ..	Brazil.
CPA to CPZ ..	Bolivia.	PQA to PSZ..	Portugal.
CQA to CQZ ..	Monaco.	PTA to PVZ ..	Brazil.
CRA to CUZ..	Portugal and possessions.	PWA to PWZ ..	Cuba.
CVA to CVZ ..	Roumania.	PXA to PZZ..	Netherlands.
CWA to CWZ..	Uruguay.	Q.....	Reserved for code abbreviations.
CXA to CXZ..	Spain.	R.....	Russia.
CYA to CZZ..	Mexico.	SAA to SMZ ..	Sweden.
D.....	Germany.	SNA to STZ..	Brazil.
EAA to EHZ..	Spain and colonies.	SUA to SUZ ..	Egypt.
EIA to EZZ..	Great Britain.	SVA to SZZ..	Greece.
F.....	France and colonies.	TAA to TEZ..	Turkey.
G.....	Great Britain.	TFA to TFZ ..	Iceland.
HAA to HAZ..	Hungary.	TGA to THZ..	Greece.
HBA to HBZ..	Switzerland.	TIA to TOZ..	Spain.
HCA to HCZ..	Ecuador.	TPA to TUZ..	Norway.
HDA to HEZ ..	Netherlands.	TVA to TZZ ..	Netherlands.
HFA to HFZ..	Kingdom of Serbia.	UAA to UMZ..	France and colonies and, protectorates.
HGA to HHZ ..	Siam.	UNA to UNZ..	Kingdom of Serbia.
HIA to HIZ..	Dominican Republic.	UOA to UOZ..	Austria.
HJA to HKZ ..	Republic of Colombia.	UPA to UZZ..	Italy.
HLA to HNU ..	Spain.	VAA to VGZ..	Canada (British).
HNV to HNZ ..	New Hebrides.	VHA to VKZ..	Australia (British).
HOA to HZZ..	France and colonies and protectorates.	VLA to VMZ..	New Zealand (British).
I.....	Italy and colonies.	VNA to VNZ..	South African Union (British).
J.....	Japan and colonies.	VOA to VOZ ..	Newfoundland (British).
KAA to KBZ..	Germany.	VPA to VSZ ..	British colonies not au- tonomous.
KCA to KCZ ..	Latvia.	VTA to VWZ..	British India.
KDA to KZZ..	United States.	VXA to VZZ ..	Colonies and protecto- rates of Great Britain.
LAA to LHZ ..	Norway.	W.....	United States.
LIA to LRZ..	Argentine Republic.	XAA to XDZ ..	Mexico.
LSA to LUZ ..	Great Britain.	XEА to XMZ ..	Great Britain.
LVA to LVZ..	Guatemala.	XNA to XSZ..	China.
LWA to LWZ ..	Norway.	XTA to XZZ..	Great Britain.
LXA to LZZ ..	Bulgaria.	Y.....	Great Britain.
M.....	Great Britain.	Z.....	Great Britain.
N.....	United States.		
OAA to OBZ ¹ ..	Peru...		
OCA to OFZ ..	Great Britain.		
OGA to OIZ... ..	Denmark.		

¹ Provisionally.

PUBLIC-SERVICE STATIONS.

3. The call letters assigned to the United States are all three and four letter combinations beginning with the letter N and all beginning with the letter W, and all combinations from KDA to KZZ, inclusive. The international call letters assigned to the United States are reserved for Government stations and stations open to public and limited commercial service.

(a) All combinations beginning with the letter N are reserved for Government stations, and, in addition, the combinations from WUA to WVZ and WXA to WZZ are reserved for stations of the United States Army.

(b) During the war the combinations of three letters beginning with K, W, and N were exhausted, and it was necessary to assign combinations of four letters beginning with K, W, and N. Operators should be careful in transmitting call letters to avoid confusion between the three and the four letter combinations.

LIMITED COMMERCIAL STATIONS.

4. Call letters for limited commercial land and ship stations are allotted by the Bureau of Navigation.

RADIO STATIONS OF THE WORLD.

5. The International List of Radio Stations of the World (edition in English) can be procured from the International Bureau of the Telegraphic Union (Radiotelegraphic Service), Berne, Switzerland. In addition to the information contained in the list of the United States stations, published by the Bureau of Navigation, the international list shows geographical locations, normal ranges in nautical miles, radio systems, and rates. The international list includes the Government and commercial land and ship stations of the United States. The list is divided into three sections. The first section contains a list of coast stations, grouped by countries and arranged alphabetically; the second section contains a list of ship stations arranged in the same manner; and the third part contains tables of land line and cable charges from coast radio stations to inland and various other points. In computing the total word rate applicable to a radiogram from a ship station to an inland point, or vice versa, the three rates must be added. The rates in the international list are stated in francs and centimes. Supplements to the international list will be issued monthly and will contain new stations and tables of alterations. A copy of the international list should be in every land and ship station open to commercial business, as the official tariff book, and a copy of this list is required as a part of the equipment of

every land station open to general public service and every ship station of the first or second class on American vessels engaged in foreign trade or the transoceanic service. The international alphabetical list of call letters (stations of the world) is also issued by the International Bureau at Berne, and supplements are issued monthly. Inquiries as to the subscription prices of these lists should be made direct to the Berne bureau at the address given above. Remittances to Berne should be made by international postal money orders.

E. T. CHAMBERLAIN,
Commissioner of Navigation.

Approved:

HERBERT HOOVER,
Secretary of Commerce.

COMMERCIAL LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Akutan, Alaska.....	KMW	300, 450, 600	PR	X	North Pacific Sea Products Co.
Alitak, Alaska.....	KYL	300, 500, 600	PR	X	Alaska Packers Ass'n.
Amuguis, P. I.....	KDRF				Philippine Insular Government.
Babylon, N. Y. <i>See</i> New York, N. Y.....	WSE				Independent Wireless Teleg. Co.
Bakersfield, Calif.....	KDNT	425	PR	*X	San Joaquin Light & Power Corp.
Batangas, P. I.....	KUXK				Philippine Insular Government.
Baytown, Tex.....	KDPS	300, 600	PR	X	Humble Oil & Refining Co.
Beaumont, Tex.....	WOD	300, 440, 600	PR	X	Magnolia Petroleum Co.
Becharof, Alaska.....	KUDV	300, 500, 600	PR	X	Alaska Packers Ass'n.
Belfast, Me.....	WNN	300, 450, 600, 1800	PG	1N	International Radio Teleg. Co.
Belmar, N. J. <i>See</i> New Brunswick, N. J.....	WII				Radio Corp. of America.
Bolinas, Calif.....	KET	5800, 6700, 7020	PR	N	Do.
Bolinias, Calif.....	KPH	300, 450, 600	PG	N	Do.
Boston, Mass.....	WBF	300, 450, 600, 1800	PG	N	Tropical Radio Teleg. Co.
Bristol Bay, Alaska. <i>See</i> Metha Nelson.....	KMP				Alaska Packers Ass'n.
Brooklyn, N. Y.....	WCG	300, 450, 600, 1800	PG	N	International Radio Teleg. Co.
Burwood, La.....	WBW	300, 600, 1700	PG	X	Tropical Radio Teleg. Co.
Butte, Mont.....	KMN	550, 1700	PR	X	Montana Power Co.
Camp 60, Calif.....	KDPV	300, 540, 600	PR	X	Southern California Edison Co.
Camp 61, Calif.....	KDPW	300, 540, 600	PR	X	Do.
Cape Edwards, Alaska.....	KEY	300, 550, 600	PR	X	Deep Sea Salmon Co.
Cape May, N. J.....	WCY	300, 600	PG	N	International Radio Teleg. Co.
Cascada, Calif.....	KDPU	300, 540, 600	PR	X	Southern California Edison Co.
Cebu, P. I.....	KUXJ				Philippine Insular Government.
Chatham, Mass.....	WCC	300, 450, 600, 1800	PG	N	Radio Corp. of America.
Chatham, Mass. <i>See</i> Marion, Mass.....	WSO				Do.
Cheboygan, Mich.....	KUXM	300, 450, 600	PR	X	Warren W. Kathan.
Chicago, Ill.....	WGO	300, 600, 2000	PR	(2)	Inter-City Radio Co.
Chigmit, Alaska.....	KHC	300, 600, 1610	PR	X	Alaska Packers Ass'n.
Chisik Island, Alaska.....	KUCP	300, 550, 600, 1650	PR	X	Surf Packing Co.
Clarks Point, Alaska.....	KHG	300, 400, 500, 600	PR	X	Alaska Packers Ass'n.
Cleveland, Ohio.....	KDPM	300, 330, 500, 600	P	X	Westinghouse Electric & Mfg. Co.
Cleveland, Ohio.....	WCX	300, 600, 1640, 2050	PR	(3)	Inter-City Radio Co.
Culion, P. I.....	KDLQ				Philippine Insular Government.
Cuyo, P. I.....	WVX	600, 1200	PG	X	Do.
Dallas, Tex.....	KUXP	300, 500, 600	PR	N	Continental Radio Teleg. & Telp. Co.
Daly, Alaska.....	KDJT	300, 500, 600	PR	X	Alaska-Portland Packers Ass'n.
Davao, P. I.....	WVO	600, 1200	PG	X	Philippine Insular Government.
Dearborn, Mich.....	KDEN	300, 460, 480, 500, 520, 600	PR	X	Henry Ford.
Detroit, Mich.....	KDPM	300, 400, 600, 1625	PR	X	Detroit-Edison Co.
Detroit, Mich.....	WDR	300, 600, 1850, 3062	PR	(3)	Inter-City Radio Co.
East Hampton, N. Y.....	WSA	300, 600, 1800	PG	N	Cutting & Washington Radio Corp.
East Moriches, N. Y.....	WBC	300, 450, 600	PG	N	Independent Wireless Teleg. Co.
East Pittsburgh, Pa.....	KDKA	500, 3200	PR	(2)	Westinghouse Electric & Mfg. Co.
Egegik, Alaska.....	KMF	300, 550, 600	PR	X	Libby, McNeill & Libby.
Ekuk, Alaska.....	KMG	300, 500, 600	PR	X	Do.
Ensenada, P. R.....	WPR	300, 600, 1800	PG	X	S. Porto Rico Sugar Co. of Porto Rico
Fairport, Va.....	KDAH	300, 450, 600	PR	(4)	C. E. Davis Packing Co.
Fall River Mills, Calif.....	KDJ	200, 250, 275, 300, 600	PR	X	George H. Taylor.
Fall River Valley, Calif.....	KDQN	1650	PR	X	Pacific Gas and Electric Co.
False Pass, Alaska.....	KJL	300, 525, 600, 2000	PR	X	P. E. Harris & Co.

¹ Operates 23 hours during every 24 hours.

² Operates from 8.30 a. m. to 5 p. m.

³ Operates from 7 a. m. to 9 p. m.

⁴ Operates from 7 a. m. to 6 p. m.

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COMMERCIAL LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Ferris Oil Field, Wyo.	KDIC	425	PR	X	General Petroleum Corp. of Calif.
Fort Worth, Tex.	KDMK	500	PR	N	Continental Radio Teleg. & Telp. Co.
Fresno, Calif.	KDNU	425	PR	X	San Joaquin Light & Power Corp.
Funter, Alaska	KXK	300, 550, 600	PR	X	Thinket Packing Co.
Galveston, Tex.	KDLZ	300, 375, 425, 600	PR	X	Sugarland Industries.
Hawk Inlet, Alaska	KKAI	300, 550, 600,	PR	X	P. E. Harris & Co.
Hillsboro, Oreg.	KGH	300, 600, 8300, 9400, 14200, 15300	PR	X	Federal Telegraph Co.
Hog Island, Pa.	KDAB	300, 550, 600,	P	X	American International Shpg. Corp.
Hyder, Alaska	KDFA	1610	PG	X	Hyder Townsite & Improvement Co.
Ikatan, Alaska	KXW	300, 450, 600	PR	X	Pacific American Fisheries.
Iloilo, P. I.	KUVM	200	PG	X	Philippine Insular Government.
Isabela de Basilan, P. I.	KHI	300, 450, 600	PR	X	Do.
Johnswood, Mich.	KUVQ	600	PG	X	Kreetan Co.
Jolo, P. I.	WVS	500	PR	(1)	Philippine Insular Government.
Jordan, Mont.	KUVR	300, 600, 1980	PG	X	Miles City-Jordan Wireless Co.
Jualin, Alaska	KJA	300, 600, 16435	PR	N	Jualin Alaska Mines Co.
Kahuku, Hawaii	KIE	300, 550, 600	PG	X	Radio Corp. of America.
Karluk, Alaska	KYK	300, 550, 600	PR	X	Alaska Packers Ass'n.
Kaunakakai, Hawaii	KHO	300, 550, 600	PR	(2)	Mutual Telephone Co.
Kawaihae, Hawaii	KHN	300, 550, 600	PR	(3)	Mutual Telephone Co.
King Cove, Alaska	KJK	300, 450, 600, 1610	PG	X	Pacific American Fisheries.
Koggung, Alaska (moored vessel).	KUBX	300, 400, 600	PR	X	Alaska Packers Ass'n.
Koggung, Alaska	KVV	300, 450, 600, 1610	PR	X	Libby, McNeill & Libby.
Koko Head, Hawaii. See Kahuku, Hawaii.	KIE	525, 600, 1610	PR	X	Radio Corp. of America.
Kussilof, Alaska	KKAO	300, 400, 500, 600	PR	X	Alaska Packers Ass'n.
Kvichak, Alaska	KHB	550, 600, 1610	PG	X	Do.
Kwiguk Slough, Alaska	KOV	300, 550, 600	PR	X	Carlisle Packing Co.
Lahaina, Hawaii	KHL	300, 600, 1650	PG	(2)	Mutual Telephone Co.
Latouche, Alaska	KIM	300, 600, 1650	PG	X	Kennecott Copper Corp.
Lazy Bay, Alaska	KEPS	300, 600, 1650	PR	X	Alitala Packing Co.
Libbyville, Alaska	KMT	300, 600, 1700, 2200	PG	X	Libby, McNeill & Libby.
Lihue, Hawaii	KHM	300, 550, 600	PR	(2)	Mutual Telephone Co.
Lockanok, Alaska	KML	300, 550, 600, 1650	PR	X	Libby, McNeill & Libby.
Long Beach, Calif.	KUXT	300, 350, 400, 450, 500, 600	PR	(4)	Pacific Telep. & Teleg. Co.
Lost Harbor, Alaska	KWS	300, 600	PR	X	Alaska Sulphur Co.
Malabang, P. I.	WVT	600, 1200	PG	X	Philippine Insular Government.
Malangas, P. I.	KUXG	300, 600	PG	X	Do.
Malita, P. I.	KDLP	12000	PR	N	Do.
Marion, Mass.	WSO	300, 550, 600, 1650	PR	X	Radio Corp. of America.
Marshall, Alaska	KIS	300, 525, 600, 1700, 2000	PR	N	John C. Curran.
Marshall, Calif. See Bo- linas, Calif.	KET	300, 400, 600	PR	X	Radio Corp. of America.
Metha Nelson (moored vessel).	KMP	300, 400, 600	PR	X	Alaska Packers Ass'n.
Miles City, Mont.	KUXN	500	PR	(1)	Miles City-Jordan Wireless Co.
Nakat Inlet, Alaska	KDW	300, 525, 600, 1700, 2000	PR	X	G. W. Hume & Co.
Naknek, Alaska	KHT	300, 600, 1610	PR	X	Alaska Packers Ass'n.
Naknek, Alaska	KMK	300, 500, 600	PR	X	Naknek Packing Co.
Nelson Lagoon, Alaska	KXV	300, 450, 600	PR	X	Pacific American Fisheries.
Newark, N. J.	WJZ	300, 600, 3100	PR	(5)	Westinghouse Electric & Mfg. Co.
New Brunswick, N. J.	WII	13600	PR	N	Radio Corp. of America.
New Brunswick, N. J.	WNY	300, 450, 600	PG	N	Do.
New London, Conn.	WLC	300, 600, 1800	PG	N	International Radio Teleg. Co.
New Orleans, La.	WNU	300, 600, 1700	PG	N	Tropical Radio Teleg. Co.
Newport, R. I.	WCI	300, 450, 600	PG	(6)	International Radio Teleg. Co.
New York, N. Y.	KDKF	200, 300, 450, 600	PR	N	Radio School of the Seamen's Church Institute.
New York, N. Y.	WHB	300, 600, 2710	PR	X	E. J. Simon.
New York, N. Y.	WHI	300, 600, 1700	PR	(7)	John Wanamaker.
New York, N. Y.	WSE	300, 450, 600, 1800	PG	N	Independent Wireless Teleg. Co.

¹ Operates from 8 a. m. to 6 p. m.² Operates from 7 a. m. to 5:30 p. m.³ Operates from 7 a. m. to 12 p. m.⁴ Operates from 7 a. m. to 11 p. m.⁵ Operates from 8 a. m. to 10 p. m.⁶ Operates from 8 p. m. to 5 a. m.⁷ Operates from 9 a. m. to 5 p. m.

COMMERCIAL LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
New York, N. Y.....	WSK	300, 450, 600	PR	(1)	Panama R. R. Co.
Nixon Fork, Alaska.....	KDRY	300, 600, 1650	PR	X	Alaska Treadwell Gold Mining Co.
Northville, Mich.....	KDPE	300, 500, 600	PR	X	Henry Ford.
Nushagak, Alaska.....	KKAE	300, 600, 1600	PR	X	Libby, McNeill & Libby.
Ogden, Utah.....	KUPQ	200, 425	PR	X	Ogden-Portland Cement Co.
Palo Alto, Calif.....	KWT	300, 600, 8300, 9400, 14200, 15300	PR	X	Federal Telegraph Co.
Pedrocasta, Calif.....	KUXV	300, 350, 400, 450, 500, 600	PR	(2)	Pacific Telep. & Teleg. Co.
Philadelphia, Pa.....	WHE	300, 600, 1700	PR	(2)	John Wanamaker.
Pilot Point, Alaska.....	KUDT	300, 500, 600	PR	X	Alaska Packers Ass'n.
Pirate Cove, Alaska.....	KOXX	300, 600, 1650	PR	X	Union Fish Co.
Port Althorp, Alaska.....	KLW	300, 450, 525, 600	PR	X	Deep Sea Salmon Co.
Port Beauclaire, Alaska.....	KWO	300, 550, 600	PR	X	Beauclaire Packing Co.
Port Chatham, Alaska.....	KWH	.....	.....	.....	Alaska Ocean Food Co.
Port Lebak, P. I.....	KDMX	.....	.....	.....	Philippine Insular Government.
Port Huron, Mich.....	KDPJ	300, 400, 500, 600, 1625	PR	X	Detroit-Edison Co.
Port Moller, Alaska.....	KWR	300, 450, 600, 1610	PR	X	Pacific-American Fisheries.
Port Walter, Alaska.....	KEQ	300, 500, 525, 600	PG	X	Alaska Herring & Sardine Co.
Puerto Princesa, P. I....	WVV	600, 1200	PG	X	Philippine Insular Government.
Quincy, Mass.....	KDGU	300, 600, 1985	PR	X	Bethlehem Shipbuilding Corp.
Radioville, Alaska.....	KWV	300, 550, 600	PR	X	Joseph T. Bauer.
Rainbow, Mont. (near Great Falls, Mont.)	KLQ	550, 1700	PR	X	Great Falls Power Co.
Rawlins, Wyo.....	KDIB	425	PR	X	General Petroleum Corp. of Calif.
Rockland, Me.....	WST	300, 450, 600, 1800	PG	N	East Coast Fisheries Co.
Ruby, Alaska (moored vessel)	KDRH	300, 400, 600	PR	X	Alaska Packers Ass'n.
Saltchuck, Alaska.....	KWQ	300, 525, 600, 1650	PR	X	Saltchuck Mining Co.
San Diego, Calif.....	KDPT	200, 300, 425, 600	PR	X	Southern Electrical Co.
San Francisco, P. I.....	KDLR	.....	.....	.....	Philippine Insular Government.
San Francisco, Calif.....	KDQO	300, 600, 1650	PR	X	Pacific Gas and Electric Co.
San Francisco, Calif.....	KDRO	300, 450, 600, 1605	PR	X	Bethlehem Shipbuilding Corp.
San Francisco, Calif.....	KFS	300, 600, 1800	PG	N	Federal Telegraph Co.
San Francisco, Calif.....	KHH	300, 570, 600	PR	X	John P. Hickey.
San Jose, P. I.....	WVY	600	PG	X	Philippine Insular Government.
Seattle, Wash.....	KPA	300, 600	PG	N	Puget Sound Wireless Teleg. Co.
Seattle, Wash.....	KPE	300, 450, 600	PR	N	City of Seattle.
Siasconset, Mass.....	WSC	300, 450, 600	PG	X	International Radio Teleg. Co.
Snag Point, Alaska.....	KHF	300, 400, 500, 600	PR	X	Alaska Packers Ass'n.
Sugarland, Tex.....	KDLY	300, 375, 425, 600	PR	X	Sugarland Industries.
Sulzer, Alaska.....	KKAA	300, 550, 600	PR	X	Chas. A. Sulzer.
Superior, Mich.....	KDPI	300, 500, 600, 1625	PR	X	Detroit-Edison Co.
Susanville, Calif.....	WDK	200, 250, 275, 300, 600	PR	X	R. D. Mayes.
Tenakee, Alaska.....	KOSC	300, 550, 600	PG	X	Columbia Salmon Co.
Thompson Falls, Mont.....	KLL	550, 1700	PR	X	Thompson Falls Power Co.
Tuckerton, N. J.....	WGG	300, 600, 16000	PR	N	Radio Corp. of America.
Tulsa, Okla.....	KDGT	425, 450	PR	N	Southwestern Wireless Teleg. & Tel. Co.
Ugashik, Alaska.....	KMU	300, 500, 600	PR	X	Red Salmon Canning Co.
Unga Island, Alaska.....	KVI	300, 600, 1650	PR	X	Alaska Codfish Co.
Uyak, Alaska.....	KHA	300, 600, 1610	PR	X	Alaska Packers Ass'n.
Wahiawa, Hawaii.....	KHK	300, 550, 600	PG	N	Mutual Telephone Co.
Warren, Alaska.....	KDJU	300, 500, 600	PR	X	Alaska-Portland Packers Ass'n.
Washington Bay, Alaska	KQS	300, 550, 600, 1650	PR	X	Petersburg Packing Co.
Wichita Falls, Tex.....	KUXQ	1750	PR	N	Continental Radio Teleg. & Telep. Co.
Yakutat, Alaska.....	KKAA	300, 550, 600	PR	X	Libby, McNeill & Libby.
Zamboanga, P. I.....	WVW	600, 1200	PG	X	Philippine Insular Government.

¹ Operates from 9 a. m. to 6 p. m., daily except Sunday.² Operates from 7 a. m. to 11 p. m.³ Operates from 9 a. m. to 5 p. m.

**COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY
BY NAMES OF VESSELS.**

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
A. A. Dougherty	KDHX	300, 450, 600	PG-X	National Oil Transport Co.	C. & W.
Abangarez	KDI	300, 600	PG-N	United Fruit Co.	T. R. T. Co.
Abercos	KOVR	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Ablanset	KIXF	300, 600	PG-X	..... do	I. W. T. Co.
Abner Coburn	WHR	300, 550, 600	PG-X	Libby, McNeill & Libby	S. O. R. S.
Abraham Lincoln	KIXS	300, 600	PG-X	U. S. S. B.	
Abron	KEBD	300, 600	PG-N	..... do	R. C. of A.
Absaroka	WKW	300, 600	PG-X	..... do	Do.
Absecon	KSEA	300, 600	PG-X	..... do	I. W. T. Co.
A. C. Bedford	KNZ	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Accomac	KMOE	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Achilles	KPT	300, 450, 600	PG-N	Panama R. R. Co.	Owner of vessel.
Acme	KIJ	300, 450, 600	PG-X	Standard Transportation Co.	R. C. of A.
Acropolis	KDRJ	300, 450, 600	PG-N	Stephen D. Stephenidis	Do.
Admiral Dewey	WAY	300, 600	PG-N	Pacific S. S. Co.	Do.
Admiral Evans	KICZ	300, 450, 600	PG-N	..... do	Do.
Admiral Farragut	WAF	300, 600	PG-N	..... do	Do.
Admiral Goodrich	WRJ	300, 450, 525, 600	PG-N	..... do	Do.
Admiral Mayo	WZIO	300, 440, 525, 600	PG-X	Pacific-Alaska Navigation Co.	Do.
Admiral Nicholson	KMAA	300, 450, 600	PG-X	Pacific S. S. Co.	Do.
Admiral Rodman	WOA	300, 600	PG-N	..... do	Do.
Admiral Schley	WAZ	300, 600	PG-N	..... do	Do.
Admiral Sebree	WAG	300, 600	PG-X	Pacific-Alaska Navigation Co.	Do.
Admiral Sims	KXUO	300, 440, 525, 600	PG-X	..... do	Owner of vessel.
Admiral Wright	WSF	300, 450, 600	PG-X	Dollar S. S. Line.	S. O. R. S.
Admiral Watson	WAW	300, 550, 600	PG-N	Pacific S. S. Co.	R. C. of A.
Adria	KUSZ	300, 450, 600	PG-X	U. S. S. B.	
Advance	KMV	300, 450, 600	PG-N	Panama R. R. Co.	Owner of vessel.
Aeolus	KOZC	300, 600	PG-N	U. S. S. B.	S. O. R. S.
A. E. R. Schneider	WFUI	300, 450, 600	PG-X	Morrow S. S. Co.	C. & W.
Afel	KISQ	300, 600	PG-X	U. S. S. B.	R. C. of A.
Afoundingia	KOMQ	300, 600	PG-X	..... do	S. O. R. S.
Agarista	KLUU	300, 600	PG-X	..... do	I. W. T. Co.
Agawam	WNIE	300, 600	PG-X	..... do	
Agememnon	KOXQ	300, 600	PG-N	..... do	
Agron	KUVJ	300, 600	PG-X	..... do	
Agribay	KDSR	300, 600	PG-N	A., G. & W.I. S. S. Lines.	
Agwidale	WDQA	300, 600	PG-X	Mallory S. S. Co.	Do.
Agwilavre	KDRX	300, 600	PG-X	A., G. & W. I. S. S. Lines.	Do.
Agwilake	KDNN	300, 600	PG-X	..... do	Do.
Agwimars	KDMC	300, 600	PG-X	..... do	Do.
Agwimoon	KDBC	300, 600	PG-X	..... do	Do.
Agwisea	KDMB	300, 600	PG-X	..... do	Do.
Agwismith	KDRC	300, 600	PG-N	..... do	Do.
Agwistara	KEPG	300, 600	PG-X	New York & Cuba Mails S. Co.	Do.
Agwistone	KDPO	300, 450, 600	PG-X	A., G. & W. I. S. S. Lines.	Do.
Agwisun	KDAD	300, 600	PG-X	..... do	Do.
Agwiworld	KDMD	300, 600	PG-X	..... do	Do.
Agylla	KUXS	300, 450, 600	PG-X	National Oil Transport Co.	S. O. R. S.
Airlie	WBFI	300, 600	PG-X	Nacirema S. S. Corp.	
Aisne	KDNC	300, 600	PG-N	U. S. S. B.	
Ajax	KOJ	300, 600	PG-X	South Seas Pacific Co.	
Ala	KDOB	300, 600	PG-X	U. S. S. B.	
Alabama	WFB	300, 600	PG-N	Goodrich Transit Co.	R. C. of A.
Alabama	WRAE	300, 600	PG-N	Texas Co.	I. W. T. Co.
Alabat	WSAO	300, 600	PG-N	U. S. S. B.	
Aladdin	KDQM	300, 600	PG-X	Standard Transportation Co.	R. C. of A.
Alameda	KOBN	300, 600	PG-N	U. S. S. B.	S. O. R. S.
Alameda	WAA	300, 440, 525, 600	PG-N	Alaska S. S. Co.	Do.
Alamo	KEJ	300, 450, 600	PG-N	Mallory S. S. Co.	I. W. T. Co.
Alamosa	WLUI	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Alaska	WWS	300, 450, 525, 600	PG-N	Alaska S. S. Co.	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Alaskan.....	WKA	300, 600	PG-X	American-Hawaiian S. S. Co.	Owner of vessel.
Alberta.....	KZA	300, 600, 1800	PG-X	Fred G. Bourne.	R. C. of A.
Albert E. Watts.....	KDKO	300, 600	PG-X	Sinclair Navigation Co.	S. O. R. S.
Alcoa.....	WLLO	300, 600	PG-X	U. S. S. B.	Do.
Aledo.....	KEPL	300, 600	PG-N	.....do.....	I. W. T. Co.
Algic.....	KDDC	300, 600	PG-X	.....do.....	R. C. of A.
Algonquin.....	KDKH	300, 450, 600	PG-X	Standard Transportation Co.	I. W. T. Co.
Algonquin.....	KIZT	300, 450, 600	PG-N	Clyde S. S. Co.	Owner of vessel.
Alicia.....	KZB	300, 600	PG-X	Alfred I. Dupont.	Do.
A. L. Kent.....	KDLL	300, 600	PG-X	Crowell & Thurlow S. S. Co.	Do.
Allaguash.....	KVX	300, 450, 525, 600	PG-X	American-Transatlantic Co.	Do.
Allegheny.....	WRAI	300, 600	PG-X	Great Lakes Transit Corp.	S. O. R. S.
Allentown.....	KVIU	300, 600	PG-X	U. S. S. B.	Owner of vessel.
Allianca.....	KMA	300, 450, 600	PG-N	Panama R. R. Co.	R. C. of A.
Alliance.....	WRV	300, 600	PG-X	Gulf Mail S. S. Co.	S. O. R. S.
Allies.....	KQUA	300, 600	PG-X	U. S. S. B.	Owner of vessel.
Alloway.....	KTAA	300, 600	PG-N	.....do.....	R. C. of A.
Aloha.....	KYH	300, 450, 600	PG-X	Arthur C. James.	S. O. R. S.
Alpena.....	WCS	300, 600	PG-X	Wyandotte Transportation Co.	Owner of vessel.
Ambridge.....	KIKQ	300, 600	PG-N	U. S. S. B.	R. C. of A.
A. M. Byers.....	WMY	300, 600	PG-X	North American S. S. Co.	I. W. T. Co.
Ancross.....	KOVF	300, 600	PG-X	U. S. S. B.	R. C. of A.
Amelia.....	WRF	300, 600	PG-X	Atlantic Fruit Co.	Do.
America.....	KDOW	300, 600	PG-X	U. S. Mail S. S. Co.	Do.
American.....	WKF	300, 600	PG-X	American-Hawaiian S. S. Co.	Owner of vessel.
American Press.....	KUDN	300, 600	PG-X	U. S. S. B.	R. C. of A.
American Star.....	KIPP	300, 450, 600	PG-X	American Star Line.	Do.
Amolco.....	KMB	300, 600	PG-X	Boston Molasses Co.	Owner of vessel.
Ampetco.....	KMAU	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Amphion.....	WJS	300, 600	PG-N	U. S. S. B.	Do.
Anaconda.....	KOFD	300, 450, 600	PG-N	.....do.....	Do.
Anacortes.....	KQOA	300, 600	PG-N	.....do.....	I. W. T. Co.
Anahuac.....	KUZL	300, 600	PG-X	.....do.....	Owner of vessel.
Ancon.....	KMS	300, 450, 600	PG-N	Panama R. R. Co.	R. C. of A.
Andalusia.....	WJA	300, 600	PG-N	U. S. S. B.	Do.
Andreas F. Luckenbach.....	KIFV	300, 600	PG-N	Luckenbach S. S. Co.	S. O. R. S.
Andrew Jackson.....	KONQ	300, 600	PG-X	U. S. S. B.	Do.
Angles. See The Angeles.					
Aniwa.....	KROE	300, 600	PG-N	.....do.....	I. W. T. Co.
Anna E. Morse.....	KUTD	300, 600	PG-X	.....do.....	Do.
Annapolis.....	KDOM	300, 600	PG-X	City of Baltimore.	Owner of vessel.
Ann Arbor No. 3.....	WDN	300, 600	PG-X	Ann Arbor R. R. Co.	R. C. of A.
Ann Arbor No. 4.....	WDO	300, 600	PG-X	.....do.....	Do.
Ann Arbor No. 5.....	WDP	300, 600	PG-X	Empire Trust Co.	Do.
Ann Arbor No. 6.....	WDQ	300, 600	PG-X	Ann Arbor Boat Co.	Do.
Annetta.....	WRG	300, 450, 600	PG-X	Atlantic Fruit Co.	Do.
Annette Rolph.....	KETZ	300, 600	PG-X	Rolph Navigation & Coal Co.	Owner of vessel.
Anniston.....	KIDM	300, 600	PG-X	U. S. S. B.	R. C. of A.
Ammiston City.....	KDSG	300, 600	PG-X	U. S. Steel Products Co.	I. W. T. Co.
Anoka.....	KQEE	300, 600	PG-X	U. S. S. B.	Do.
Anthracite Bridge.....	KUKG	300, 600	PG-X	.....do.....	Owner of vessel.
Antietam.....	KONR	300, 600	PG-X	.....do.....	R. C. of A.
Antilla.....	KWD	300, 450, 600	PG-X	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Antinous.....	KDAX	300, 450, 600	PG-X	Green Star S. S. Co.	Do.
Antonia.....	KOLD	300, 600	PG-N	Madrigal & Co.	Do.
Apache.....	KVA	300, 450, 600	PG-N	Clyde S. S. Co.	Owner of vessel.
Apalachee.....	WSAE	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Apex.....	KGUI	300, 425, 600	PG-X	Wilson Fisheries Co.	Do.
Apus.....	KDBZ	300, 600	PG-X	Nafra Co.	R. C. of A.
Aquarius.....	KUSN	300, 600	PG-X	.....do.....	S. O. R. S.
Aquilo.....	KOCJ	300, 425, 600	P-X	H. F. Alexander.	Owner of vessel.
Aragon.....	KUKB	300, 600	PG-X	Hawk S. S. Line.	C. & W.
Arapahoe.....	KVB	300, 450, 600	PG-N	Clyde S. S. Co.	I. W. T. CO.
Arcadia.....	WWD	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Archer.....	KXG	300, 600	PG-N	.....do.....	R. C. of A.
Arcturus.....	KURD	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Arden.....	KDPN	300, 600	PG-X	.....do.....	Do.
Ardmore.....	KIA	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Arenas.....	KIRM	300, 600	PG-X	U. S. S. B.	Do.
Argenta.....	KIKS	300, 600	PG-X	.....do.....	Do.
Argon.....	KUDD	300, 600	PG-X	Standard Transportation Co.	S. O. R. S.
Argonne.....	KSIO	300, 450, 600	PG-X	Argonne S. S. Co.	Do.
Argonne.....	KDKW	300, 600	PG-N	U. S. S. B.	Do.
Grosby.....	KDHL	300, 600	PG-X	.....do.....	S. O. R. S.
Argus.....	KUVF	300, 600	PG-X	.....do.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by
Ario.....	KULM	300, 450, 600	PG-X	Standard Transportation Co.	R. C. of A.
Arizona.....	WFG	300, 600	PG-X	Goodrich Transit Co.	Do.
Arizonan.....	WKB	300, 600	PG-X	American Hawaiian S. S. Co.	Owner of vessel.
Arizpa.....	KULN	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Armenia.....	KYM	300, 600	PG-X	do.	Owner of vessel.
Artemis.....	KDLJ	300, 600	PG-X	J. M. Scott	I. W. T. Co.
Artemis.....	WQS	300, 600	PG-N	U. S. S. B.	Do.
Artigas.....	KURG	300, 600	PG-X	do.	Do.
Aryan.....	KOLB	300, 600	PG-X	Texas Co.	Do.
Asabeth.....	KIXG	300, 600	PG-X	U. S. S. B.	Do.
Ascutney.....	KYV	300, 600	PG-N	do.	R. C. of A.
Ashbee.....	KIGZ	300, 600	PG-X	do.	I. W. T. Co.
Ashland County.....	KOMR	300, 450, 600	PG-X	do.	S. O. R. S.
Ashtabula.....	WEZ	300, 600	PG-X	Pennsylvania & Ontario Navigation Co.	R. C. of A.
Askawake.....	KETM	300, 450, 600	PG-X	U. S. S. B.	R. C. of A.
Asquam.....	KISV	300, 600	PG-X	do.	Do.
Assinipi.....	KIPB	300, 600	PG-X	do.	S. O. R. S.
Astmaheco III.....	WGB	300, 600	PG-X	Astmaheco 3 (Inc.)	Do.
Astmaheco IV.....	WDF	300, 600	PG-X	Astmaheco 4 (Inc.)	Do.
Astra.....	KDSE	300, 600	PG-X	J. Bullock	R. C. of A.
Astral.....	KIQ	300, 450, 600	PG-X	Standard Transportation Co.	Do.
Astrea.....	KDOP	300, 600	PG-X	Davison Chemical Co.	Do.
Asuncion.....	WTX	300, 450, 600	PG-X	G. W. McNear (Inc.)	Do.
Atenas.....	KDK	300, 600	PG-N	United Fruit Co.	T. R. T. Co.
Atlanta City.....	KDSW	300, 600	PG-X	U. S. Steel Products Co.	S. O. R. S.
Atlanta of Texas.....	KDCN	300, 600	PG-X	U. S. S. B.	R. C. of A.
Atlantic Sun.....	KUMS	300, 600	PG-X	Sun Oil Co.	Do.
Atlas.....	WTT	300, 450, 600	PG-X	Standard Oil Co. of Calif.	Do.
Auburn.....	WDOE	300, 450, 600	PG-N	U. S. S. B.	S. O. R. S.
Auditor.....	KOFF	300, 600	PG-X	do.	Owner of vessel.
Ausable.....	WWP	300, 600	PG-X	American Transatlantic Co.	Do.
Avalon.....	KIZL	300, 600	PG-X	W. H. Wood	R. C. of A.
Avalon.....	WFH	300, 600	PG-X	Wilmington Trnsp. Co.	Do.
Avondale.....	KKAU	300, 600	PG-X	U. S. S. B.	Do.
Babboosic.....	KITC	300, 600	PG-N	do.	Do.
Babinda.....	KODP	300, 600	PG-X	Pacific Motorship Co.	Do.
Baccarat.....	KUSX	300, 600	PG-X	Independent S. S. Co.	Do.
Bacio.....	KJU	300, 450, 600	PG-X	Gillespie S. S. Corp.	I. W. T. Co.
Baddacock.....	KUJD	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Bakersfield.....	KIZC	300, 600	PG-X	do.	R. C. of A.
Baleatta.....	KOLM	300, 600	PG-X	Pacific Motorship Co.	S. O. R. S.
Baldbutte.....	KISM	300, 600	PG-X	U. S. S. B.	R. C. of A.
Baldhill.....	KOBV	300, 600	PG-X	do.	S. O. R. S.
Baldridge.....	KEQG	300, 600	PG-X	do.	Do.
Baldrock.....	KEQJ	300, 600	PG-X	do.	I. W. T. Co.
Ballcamp.....	KENV	300, 450, 600	PG-X	do.	R. C. of A.
Ballemas.....	KEMZ	300, 600	PG-X	do.	I. W. T. Co.
Ballew.....	KENQ	300, 600	PG-X	do.	S. O. R. S.
Balsam.....	KIJC	300, 600	PG-N	do.	R. C. of A.
Baranaran.....	KENZ	300, 600	PG-N	do.	S. O. R. S.
Bannack.....	KIZQ	300, 600	PG-N	do.	Do.
Bantl.....	KLM	300, 600	PG-X	U. S. Steel Products Co.	I. W. T. Co.
Bar Harbor.....	KEFD	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Barkhamstead.....	WLWU	300, 600	PG-X	do.	Do.
Barlow.....	WLAE	300, 600	PG-X	do.	I. W. T. Co.
Barrallton.....	KIDT	300, 600	PG-X	do.	S. O. R. S.
Barranca.....	KIFR	300, 600	PG-X	do.	R. C. of A.
Barrenfark.....	KIJD	300, 600	PG-X	do.	I. W. T. Co.
Barryton.....	KIJF	300, 600	PG-X	do.	Do.
Barstow.....	KIJR	300, 600	PG-X	do.	R. C. of A.
Barthnay.....	KIZD	300, 600	PG-X	do.	Do.
Bartholome.....	KOBS	300, 450, 600	PG-X	do.	C. & W.
Bartholomew.....	KOMF	300, 600	PG-X	do.	R. C. of A.
Barugo.....	KEQC	300, 600	PG-X	do.	Do.
Barwick.....	KOBR	300, 600	PG-X	do.	I. W. T. Co.
Basco.....	WVEI	300, 600	PG-N	France & Canada S. S. Co.	R. C. of A.
Bascobel.....	KOFS	300, 600	PG-X	France & Canada Oil Trnsp. Co.	Do.
Basford.....	KOFR	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Batanes.....	KEKX	300, 600	PG-X	do.	R. C. of A.
Bathalum.....	KIQT	300, 600	PG-X	do.	Do.
Bathgate.....	KIQS	300, 600	PG-X	do.	I. W. T. Co.
Batino.....	KERC	300, 600	PG-X	do.	Do.
Baton Rouge.....	KSG	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Bavington.....	KOPC	300, 450, 600	PG-X	U. S. S. B.	Do.
Bayano.....	WDEU	300, 600	PG-X	New York & Cuba M. S. S. Co.	I. W. T. Co.
Bay Head.....	KINT	300, 450, 600	PG-X	U. S. S. B.	Do.
Bayou Chico.....	KDGK	300, 600	PG-X	do.	
Betty R.....	KDTF	200, 300, 600	PR-X	Edward C. Crossett	

RADIO STATIONS OF THE UNITED STATES.

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Bayport.....	KUJC	300, 600	PG-X	U. S. S. B.....	
Bayside.....	KDDX	300, 600	PG-Y	.....do.....	S. O. R. S.
Bayspring.....	KDDW	300, 600	PG-X	.....do.....	Do.
Baytown.....	KDEM	300, 600	PG-G	Humble Oil & Refining Co.	R. C. of A.
Bayway.....	KSR	300, 600	PG-X	Standard Oil Co. of N. J.	Do.
Bearport.....	KUBK	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Beatrice.....	KLJ	300, 600	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Beaumont.....	WXUA	300, 600	PG-X	U. S. S. B.....	
Belair.....	WTOI	300, 600	PG-X	.....do.....	
Belfast.....	KRD	300, 600	PG-X	Eastern S. S. Lines.....	R. C. of A.
Belfort.....	KIQB	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Bella.....	WAX	300, 600	PG-X	Antonio Carozza.....	Owner of vessel.
Bellbuckle.....	KITK	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Bellemina.....	KODS	300, 600	PG-N	.....do.....	I. W. T. Co.
Belleline.....	KOKF	300, 450, 600	PG-N	.....do.....	S. O. R. S.
Bellerose.....	KOKD	300, 450, 600	PG-N	.....do.....	R. C. of A.
Bellflower.....	KOPQ	300, 600	PG-N	.....do.....	I. W. T. Co.
Bellhaven.....	KOFC	300, 600	PG-N	.....do.....	R. C. of A.
Bellingham.....	WCIA	300, 600	PG-X	.....do.....	I. W. T. Co.
Bellotta.....	KVEA	300, 600	PG-X	.....do.....	R. C. of A.
Belvidere.....	KEQK	300, 600	PG-N	.....do.....	I. W. T. Co.
Benjamin Brewster.....	KPS	300, 450, 600	PG-X	Standard Oil Co. of N. J.	S. O. R. S.
Benj. F. Packard.....	WLA	300, 450, 525, 900	PG-X	Booth Fisheries Co.....	S. O. R. S.
Benoni.....	KERR	300, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Benowa.....	KOTZ	300, 600	PG-X	Pacific Motorship Co.....	R. C. of A.
Bensalem.....	KOFT	300, 600	PG-X	U. S. S. B.....	Owner of vessel.
Berlin.....	WRB	300, 600	PG-X	Alaska-Portland Pack. Assn.	R. C. of A.
Bessemer.....	KIGT	300, 600	PG-X	U. S. S. B.....	Do.
Bessemer City.....	KDOF	300, 450, 600	PG-X	U. S. Steel Products Co.....	I. W. T. Co.
Bethelbridge.....	KERT	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Bethlehem Bridge.....	KIJV	300, 600	PG-X	.....do.....	Owner of vessel.
Bethlehem Ship-building Corp. ¹	KUFFP	.....	.....	Bethlehem Shipbdg. Corp.....	
Bethnor.....	KOKT	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Betsy Bell.....	KITM	300, 600	PG-N	.....do.....	S. O. R. S.
Betterton.....	KUBG	300, 600	PG-X	.....do.....	Do.
Bibbco.....	KDHJ	300, 450, 600	PG-X	.....do.....	Do.
Bidwell.....	KESQ	300, 450, 600, 1800	PG-X	.....do.....	
Biiloxi.....	KPAI	300, 600	PG-X	.....do.....	
Biran.....	KKOA	300, 600	PG-X	.....do.....	I. W. T. Co.
Birchleaf.....	KEMD	300, 600	PG-X	.....do.....	R. C. of A.
Bird City.....	KOBP	300, 600	PG-X	.....do.....	I. W. T. Co.
Birmingham City.....	KUTT	300, 450, 600	PG-X	U. S. Steel Products Co.....	R. C. of A.
Black Arrow.....	WLN	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Blair.....	KIGR	300, 600	PG-X	.....do.....	I. W. T. Co.
Blue Hen State.....	KDTG	300, 600	PG-X	U. S. S. B.....	
Blue Point.....	KDLU	300, 600	PG-X	Atlantic Fisheries Co.....	
Blue Triangle.....	KUGS	300, 600	PG-X	U. S. S. B.....	
Bluffton.....	KEKZ	300, 600	PG-X	.....do.....	Do.
Bohemian Club.....	KDTB	300, 600	PG-X	.....do.....	
Bolikow.....	KEQD	300, 600	PG-X	National Oil Transport Co.....	
Bonnie Brook.....	KDGX	300, 600	PG-X	.....do.....	
Boobyalla.....	KUGC	300, 600	PG-X	Pacific Motorship Co.....	I. R. T. Co.
Boston.....	KXA	300, 550, 600	PG-X	New England S. S. Co.....	
Boston.....	KXS	300, 476, 600	PG-X	U. S. S. B.....	R. C. of A.
Boston Bridge.....	KINS	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Bound Brook.....	KIFQ	300, 600	PG-X	.....do.....	I. W. T. Co.
Brabant.....	KUU	300, 450, 600	PG-X	Texas Co.....	R. C. of A.
Braddock.....	KETG	300, 600	PG-N	U. S. S. B.....	Do.
Bradford.....	KNG	300, 450, 600	PG-X	Standard Oil Co. of N. J.	I. R. T. Co.
Brammell Point.....	KRO	300, 450, 600	PG-X	Vacuum Oil Co.....	S. O. R. S.
Brandywine.....	WGWI	300, 600	PG-X	U. S. S. B.....	
Brasher.....	KIJX	300, 600	PG-X	.....do.....	R. C. of A.
Brave Coeur.....	KOGN	300, 476, 600	PG-X	.....do.....	Do.
Bremerton.....	WSZ	300, 600	PG-X	.....do.....	Do.
Brevard.....	KEPJ	300, 600	PG-X	.....do.....	Do.
Briarcliffe.....	KEPK	300, 600	PG-X	.....do.....	Do.
Brilliant.....	KTI	300, 450, 600	PG-X	Standard Oil Co., of N. Y.	Do.
Brindilla.....	KTZ	300, 450, 600	PG-X	Standard Oil Co., of N. J.	Do.
Bristol.....	KEGC	300, 450, 600	PG-X	Coastwise Trade Co.....	Do.
Broad Arrow.....	KSY	300, 450, 600	PG-X	Standard Transportation Co.	I. R. T. Co.
Brockton.....	KNH	300, 600	PG-N	Colonial Navigation Co.....	S. O. R. S.
Brookdale.....	WNUO	300, 600	PG-X	.....do.....	Do.
Brookline.....	KURT	300, 600	PG-X	.....do.....	
Broxton.....	KDAL	300, 600	PG-X	.....do.....	
Brush.....	KDHV	300, 450, 600	PG-X	.....do.....	S. O. R. S.

¹ Portable set placed on board ships during trial trip.

16 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Brynhilda.....	KIO	300, 450, 600	PG-X	Cosmopolitan Shipping Co....	R. C. of A.
Buccaneer.....	KFO	300, 600	PG-X	Freeport & Tampico Fuel Oil Transportation Co.	Do.
Buckeye State....	KDRW	300, 600, 450, 1800	PG-N	U. S. S. B.....	S. O. R. S.
Buckhannon.....	KELG	300, 600	PG-X	Gulf & Southern S. S. Co.....	I. W. T. Co.
Buffalo Bridge....	KIFZ	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Burnwell.....	KIMS	300, 600	PG-X	.....do.....	I. W. T. Co.
Buttercup.....	KIJT	300, 600	PG-X	.....do.....	S. O. R. S.
Butterfield.....	KIJS	300, 600	PG-X	.....do.....	Do.
Byfield.....	KIBZ	300, 600	PG-X	.....do.....	R. C. of A.
Bylayl.....	KSOU	300, 450, 600	PG-X	Pocahontas Fuel Co.....	I. W. T. Co.
Cabegon.....	KEJQ	300, 600	PG-N	U. S. S. B.....	R. C. of A.
Carbrille.....	KENS	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Carillo.....	WBV	300, 600	PG-X	Wilmington Transportation Co.	R. C. of A.
C. A. Canfield....	WIH	300, 450, 600	PG-X	Pan-American Petroleum & Transport Co.	Do.
Cacique.....	WBE	300, 450, 600	PG-X	Grace S. S. Co.....	Do.
Cadaretta.....	WLLO	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Caddo.....	KSX	300, 450, 600	PG-X	Standard Oil Co., of N. J.	R. C. of A.
Caddopeak.....	WPUE	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Cairo.....	KDQW	300, 600	PG-X	Marietta Manufacturing Co.	
Calamares.....	KLC	300, 600	PG-N	United Fruit Co.....	T. R. T. Co.
Calaveras.....	KXIE	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Caldas.....	KOQV	300, 600	PG-X	Caribbean S. S. Co.....	R. C. of A.
Calocorock.....	KXII	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Calispell.....	KXIO	300, 600	PG-X	.....do.....	R. C. of A.
Callabasas.....	WPUI	300, 450, 600	PG-X	Callabasas S. S. Corp.....	I. W. T. Co.
Callao.....	KEQS	300, 600	PG-X	U. S. S. B.....	Do.
Callao.....	WHF	300, 600	PG-X	Bark Callao Corp.....	Owner of vessel.
Calno.....	KINV	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Caloria.....	KSP	300, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Calvert.....	WTUI	300, 600	PG-X	U. S. S. B.....	Do.
Calvin Austin....	KRN	300, 450, 600	PG-X	Eastern S. S. Lines.....	Do.
Camaguey.....	KWI	300, 450, 600	PG-N	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Cambrai.....	KDJN	300, 600	PG-N	U. S. S. B.....	
Cambridge.....	KGR	300, 550, 600	PG-X	N. Y. & New Orleans S. S. Co.	I. R. T. Co.
Cambridge.....	KIRR	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Camden.....	KDKL	300, 600	PG-X	United Fruit Co.....	T. R. T. Co.
Camden.....	KRC	300, 600	PG-N	Eastern S. S. Lines.....	R. C. of A.
Cananova.....	KDBN	300, 600	PG-X	Cananova S. S. Corp.....	I. W. T. Co.
Canoco.....	KUTP	300, 600	P-X	American Can Co.....	Owner of vessel.
Canibas.....	WQEY	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Canoga.....	WKZ	300, 600	PG-X	.....do.....	S. O. R. S.
Cansumset.....	KIQD	300, 600	PG-X	.....do.....	Do.
Cantigny.....	KDFO	300, 600	PG-X	.....do.....	
Cape Henry.....	KMIE	300, 600	PG-X	.....do.....	
Cape May.....	WDOI	300, 600	PG-N	.....do.....	I. W. T. Co.
Cape Romain.....	KREA	300, 600	PG-X	.....do.....	Do.
Capillo.....	KUPN	300, 600	PG-X	.....do.....	
Capines.....	KSAI	300, 600	PG-N	.....do.....	
Capital of Nebr.....	KUSF	300, 450, 600	PG-X	.....do.....	R. C. of A.
Capt. A. F. Lucas.....	WTV	300, 450, 600	PG-X	Standard Oil Co. of Calif.	Do.
Capulin.....	KUZR	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Caracas.....	KDB	300, 450, 600	PG-N	Atlantic & Caribbean Steam Navigation Co.	R. C. of A.
Cardonia.....	KUVV	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Carenco.....	KDDM	300, 450, 600	PG-X	.....do.....	R. C. of A.
Carib.....	KJII	300, 600	PG-X	Atl. G. & W. Ins. S. S. Lines.	
Carib.....	KUZX	300, 425, 600	PG-X	Carib Trading Co.....	S. O. R. S.
Caribbean.....	KGUE	300, 600	PG-X	Panama R. R. Co.....	Owner of vessel.
Carl D. Bradley....	WGN	300, 600	PG-X	Bradley Transportation Co.	R. C. of A.
Carlton.....	KDDK	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Carolina.....	WFE	300, 600	PG-X	Goodrich Transit Co.....	R. C. of A.
Carolinian.....	KJF	300, 600	PG-X	Garland S. S. Corp.....	Do.
Carolyn.....	KZG	300, 600	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Carplaka.....	KDES	300, 600	PG-X	U. S. S. B.....	Do.
Carrabulle.....	KDER	300, 600	PG-X	.....do.....	
Carillo.....	KDE	300, 600	PG-X	United Fruit Co.....	T. R. T. Co.
Cartago.....	KDD	300, 600	PG-N	.....do.....	Do.
Cascade.....	WPVO	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Casco.....	WCP	300, 600	PG-X	.....do.....	Do.
Casey.....	KOQJ	300, 600	PG-X	.....do.....	Do.
Casiana.....	KYE	300, 450, 600	PG-X	Edward L. Doheny.....	R. C. of A.
C. A. Smith.....	WEL	300, 600	PG-X	Coos Bay Lumber Co.....	Owner of vessel.
C. A. Snider.....	KRR	300, 450, 600	PG-X	Vacuum Oil Co.....	S. O. R. S.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Casper.....	KIRX	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Cassimir.....	KDDZ	300, 600	PG-X	.....do.	S. O. R. S.
Castana.....	KDFF	300, 600	PG-X	.....do.	I. W. T. Co.
Castle Point.....	KESD	300, 600	PG-X	.....do.	R. C. of A.
Castle Town.....	KOF	300, 600	PG-X	.....do.	I. W. T. Co.
Castle Wood.....	KEKQ	300, 600	PG-X	.....do.	R. C. of A.
Catahoula.....	KDFG	300, 600	PG-X	.....do.	I. W. T. Co.
Catherine.....	KTOI	300, 600	PG-X	.....do.	R. C. of A.
Catherine D.....	KMAI	300, 450, 550, 600	PG-N	Pacific-American Fisheries....	S. O. R. S.
Cathlamet.....	KOLP	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Cathwood.....	KURC	300, 450, 600	PG-X	.....do.	I. W. T. Co.
Cauto.....	KWF	300, 450, 600	PG-X	N. Y. & Cuba Mail S. S. Co.	Do.
Cayo Mambi.....	KUZZ	300, 600	PG-X	Cayo Mambi S. S. Corp.	I. W. T. Co.
Cayuga.....	KDJQ	300, 600	PG-X	Independent S. S. Co.	I. W. T. Co.
Cebu.....	KDOC	300, 600	PG-X	Compania Maritima.	I. W. T. Co.
Cecil County.....	KERZ	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Cedarhurst.....	KDIQ	300, 600	PG-X	.....do.	Do.
Cedar Spring.....	WTEE	300, 450, 600	PG-X	.....do.	Do.
Celilo.....	WMF	300, 600	PG-N	Celilo S. S. Co.	I. W. T. Co.
Centaurus.....	KOPZ	300, 600	PG-X	Nafra Co.	I. W. T. Co.
Centennial State.....	KDRL	300, 600	PG-N	U. S. S. B.	I. W. T. Co.
Central American.....	WKOU	300, 600	PG-X	Texas Co.	S. O. R. S.
Ceralvo.....	WTEI	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Cerosco.....	WTEO	300, 600	PG-X	.....do.	Do.
Cerro-Azul.....	KDQY	300, 600	PG-X	Pan-American Petroleum & Transport Co.	I. W. T. Co.
Cerro-Ebano.....	KDQS	300, 600	PG-N	.....do.	S. O. R. S.
Cerro Gardo.....	KEFK	300, 450, 600	PG-X	U. S. S. B.....	Do.
Cethana.....	KORG	300, 440, 520, 600	PG-X	J. E. Chillberg.....	I. W. T. Co.
Challamba.....	KORJ	300, 600	PG-X	Anglo-California Trust Co.	Owner of vessel.
Challenger.....	WNII	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Chalmette.....	KKC	300, 600	PG-N	Southern Pacific S. S. Co.	Do.
Chamberino.....	KEFL	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Chamblee.....	KEGG	300, 600	PG-X	.....do.	R. C. of A.
Chantier.....	KEGK	300, 600	PG-X	.....do.	I. W. T. Co.
Chaparel.....	KEGJ	300, 600	PG-X	.....do.	I. W. T. Co.
Chappaqua.....	KURF	300, 450, 600	PG-X	.....do.	R. C. of A.
Chappell.....	KEVS	300, 600	PG-X	.....do.	I. W. T. Co.
Charles Braley.....	KVP	300, 450, 600	PG-X	Cuba Distilling Co.	Do.
Charles E. Hardwood.....	WID	300, 450, 600	PG-X	Pan-American Petroleum & Transport Co.	R. C. of A.
Charles H. Cramp.....	KDHH	300, 600, 1800	PG-X	U. S. S. B.....	Do.
Charles L. Hutchinson.....	WMUI	300, 600	PG-X	American Interlake Co.	Marconi Co. of Canada for R. C. of A.
Charles M. Everest.....	WPOU	300, 600	PG-X	Vacuum Oil Co.	R. C. of A.
Charles O. Jenkins.....	WFT	300, 600	PG-X	Jenkins S. S. Co.	Do.
Charles Pratt.....	KSQ	300, 450, 600	PG-X	Standard Oil Co. of N. J.	Do.
Charlie Watson.....	KDLA	300, 450, 600	PG-X	Standard Oil Co. of Calif.	Do.
Charlot.....	WMUI	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Charlton Hall.....	KLU	300, 600	PG-X	U. S. Steel Products Co.	R. C. of A.
Chateau Thierry.....	KDKE	300, 600	PG-N	U. S. S. B.....	Do.
Chattanooga.....	KIDN	300, 600	PG-X	.....do.	Do.
Chaumont.....	KDLI	300, 600	PG-N	.....do.	Do.
Chautauqua.....	KIFK	300, 600	PG-X	.....do.	Do.
Chebaulip.....	KJAA	300, 600	PG-X	.....do.	Do.
Chepadeda.....	KOFL	300, 600	PG-X	.....do.	Do.
Cherokee.....	KVK	300, 450, 600	PG-N	Clyde S. S. Co.	Do.
Chestet Kiwanis.....	KDBP	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Chester Sun.....	WAS	300, 600	PG-X	Sun Co.	I. R. T. Co.
Chester Valley.....	KOST	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Chester W. Chapin.....	KXQ	300, 550, 600	PG-N	New England S. S. Co.	Do.
Chestnut Hill.....	KVG	300, 600	PG-X	U. S. S. B.....	I. R. T. Co.
Chetopa.....	KDJI	300, 600	PG-X	.....do.	S. O. R. S.
Chicago.....	WAC	300, 600	PG-X	Booth Fisheries Co.	Do.
Chicago Bridge.....	KECG	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Chickamauga.....	KULC	300, 450, 600	PG-X	.....do.	R. C. of A.
Chickasaw.....	KOJR	300, 600	PG-X	.....do.	I. W. T. Co.
Chickasaw City.....	KUNZ	300, 600	PG-N	U. S. Steel Products Co.	R. C. of A.
Chieomico.....	KOLS	300, 600	PG-X	U. S. S. B.....	Do.
China.....	WWA	300, 450, 600	PG-N	China Mail S. S. Co.	Do.
China Arrow.....	KDGV	300, 600	PG-X	Standard Transportation Co.	Do.
Chinampa.....	KSC	300, 450, 600	PG-X	Standard Oil Co. of N. J.	Do.
Chinchia.....	KJZ	300, 450, 600	PG-N	Green Star S. S. Corp.	Do.
Chipchung.....	WBIA	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Chippewa.....	KDJS	300, 600	PG-X	Independent S. S. Co.	Owner of vessel.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Christabel.....	KUTN	300,600	PG-X	Savannah Bar Pilots.....	R. C. of A.
Christopher Columbus.....	WFJ	300,600	PG-X	Goodrich Transit Co.	Do.
Cigarette.....	KDQQ	300,600	PG-X	Barron G. Collier.....	S. O. R. S.
Circinus.....	KOPK	300,600	PG-X	Green Star S. S. Corp.	R. C. of A.
City of Alameda.....	KUCQ	300,600	PG-X	U. S. S. B.	S. O. R. S.
City of Alma.....	KUBP	300,600	PG-X	do.....	Do.
City of Alpena II.....	WEH	300,600	PG-X	Det. & Cleve. Navigation Co.	R. C. of A.
City of Alton.....	KONZ	300,600	PG-X	U. S. S. B.	S. O. R. S.
City of Atlanta.....	KFB	300,450,600	PG-N	Ocean S. S. Co.	R. C. of A.
City of Augusta.....	KFJ	300,450,600	PG-N	do.....	Do.
City of Bangor.....	KRH	300,600	PG-X	Eastern S. S. Lines.	Do.
City of Benton Harbor.....	WDV	300,600	PG-X	Graham & Morton Trans. Co.	Do.
City of Berkeley.....	KOZQ	300,600	PG-X	U. S. S. B.	Do.
City of Brockton.....	KXO	300,600	PG-X	New England S. S. Co.	I. R. T. Co.
City of Brunswick.....	KDNQ	300,600	PG-X	U. S. S. B.	R. C. of A.
City of Buffalo.....	WFQ	300,600	PG-X	Cleve. and Buffalo Trans. Co.	Do.
City of Cleveland III.....	WEA	300,450,600	PG-N	Detroit & Cleveland Naviga- tion Co.	Do.
City of Columbus.....	KFA	300,450,600	PG-N	Ocean S. S. Co.	Do.
City of Dalhart.....	KDNP	300,600	PG-X	U. S. S. B.	Do.
City of Detroit II.....	WEC	300,600	PG-N	Detroit & Cleveland Nav. Co.	Do.
City of Detroit III.....	WEF	300,450,600	PG-N	do.....	Do.
City of Elwood.....	KDMV	300,600	PG-X	U. S. S. B.	Do.
City of Erie.....	WFP	300,600	PG-X	Cleveland & Buffalo Trans. Co.	Do.
City of Eureka.....	KEFT	300,600	PG-X	U. S. S. B.	I. W. T. Co.
City of Everett.....	KTQ	300,600	PG-X	Standard Oil Co. of N. Y.	R. C. of A.
City of Fairbury.....	KISR	300,450,600	PG-X	U. S. S. B.	Do.
City of Flint.....	KUCV	300,450,600	PG-X	do.....	S. O. R. S.
City of Fort Worth.....	KDAW	300,600	PG-X	do.....	Do.
City of Freeport.....	KESV	300,600	PG-X	do.....	R. C. of A.
City of Grand Rapids.....	WDS	300,600	PG-X	Graham & Morton Transpor- tation Co.	I. W. T. Co.
City of Joliet.....	KUJR	300,600	PG-X	U. S. S. B.	R. C. of A.
City of Lordsburg.....	KUTK	300,600	PG-X	do.....	I. R. T. Co.
City of Lowell.....	KXB	300,550,600	PG-N	New England S. S. Co.	R. C. of A.
City of Mackinac II.....	WEB	300,600	PG-X	Detroit & Cleveland Nav. Co.	R. C. of A.
City of Miami.....	WDI	300,600	PG-N	Havana-American S. S. Corp.	S. O. R. S.
City of Montgomery.....	KFY	300,450,600	PG-N	Ocean S. S. Co.	R. C. of A.
City of Omaha.....	KOZB	300,600	PG-X	U. S. S. B.	I. W. T. Co.
City of Para.....	WWF	300,600	PG-N	Pacific Mail S. S. Co.	F. T. Co.
City of Puebla.....	WGQ	300,600	PG-N	City of Puebla Corp.	R. C. of A.
City of Rayville.....	KDGS	300,600	PG-X	U. S. S. B.	S. O. R. S.
City of Reno.....	KUSK	300,450,600	PG-X	do.....	R. C. of A.
City of Rockland.....	KRI	300,600	PG-X	Eastern S. S. Lines.	Do.
City of Rome.....	KQZ	300,450,600	PG-N	Ocean S. S. Co.	Do.
City of Savannah.....	KFK	300,450,600	PG-N	do.....	Do.
City of Seattle.....	WGA	300,600	PG-N	Pacific S. S. Co.	S. O. R. S.
City of Sherman.....	KUCS	300,600	PG-X	U. S. S. B.	Do.
City of Spokane.....	KILL	300,600	PG-X	do.....	R. C. of A.
City of St. Ignace.....	WEG	300,600	PG-X	Detroit & Cleveland Nav. Co.	I. W. T. Co.
City of St. Joseph.....	KOSM	300,600	PG-X	U. S. S. B.	R. C. of A.
City of St. Louis.....	KFX	300,450,600	PG-N	Ocean S. S. Co.	Do.
City of Sydney.....	KKEI	300,600	PG-X	L. A. Pederson	I. R. T. Co.
City of Taunton.....	KXL	300,550,600	PG-N	New England S. S. Co.	R. C. of A.
City of Vernon.....	KUNS	300,450,600	PG-X	U. S. S. B.	Do.
City of Weatherford.....	KUVC	300,450,600	PG-X	do.....	I. W. T. Co.
Clairton.....	KIKR	300,600	PG-N	do.....	Owner of vessel.
Clare.....	KNE	300,600	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Claremont.....	KUBD	300,600	PG-X	W. H. Wood.	Owner of vessel.
Clark Mills.....	KOCQ	300,600	PG-X	U. S. S. B.	I. W. T. Co.
Clarksburg.....	KOVP	300,600	PG-X	Coastwise Transportation Co.	R. C. of A.
Clauseus.....	KOQB	300,600	PG-X	Green Star S. S. Corp.	Do.
Clavarack.....	KOLL	300,600	PG-X	U. S. S. B.	Do.
Clearwater.....	KUGD	300,600	PG-X	do.....	Do.
Clemence C. Morse.....	KUGG	300,600	PG-X	do.....	S. O. R. S.
Clemensa A. Reiss.....	WNH	300,600	PG-X	Reiss S. S. Co.	R. C. of A.
Clement Smith.....	KDGO	300,600	PG-X	Calvert Navigation Co.	Do.
Cletus Schneider.....	KMEO	300,600	PG-X	Paisley S. S. Co.	Owner of vessel.
Cliffwood.....	KORX	300,600	PG-X	U. S. S. B.	S. O. R. S.
Clincho.....	KENX	300,600	PG-X	do.....	R. C. of A.
Clontarf.....	KUDP	300,600	PG-X	do.....	S. O. R. S.
Coahoma County.....	KOMP	300,600	PG-X	do.....	Do.
Coalinga.....	WQT	300,600,1800	PG-X	Union S. S. Co.	F. T. Co.
Coamo.....	KGA	300,450,600	PG-N	New York & P. R. S. S. Co.	I. W. T. Co.
Coastwise.....	KUZ	300,600	PG-X	Neptune Line.	R. C. of A.

**COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.**

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Coaxet.....	WPUU	300, 425, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Cochin.....	KELR	300, 600	PG-X	.....do.....	S. O. R. S.
Cockaponset.....	KOFN	300, 600	PG-X	.....do.....	Do.
Cody.....	KDEX	300, 600	PG-X	.....do.....	R. C. of A.
Coelleda.....	KOVV	300, 600	PG-X	.....do.....	S. O. R. S.
Coeur D'Alene.....	KOVT	300, 600	PG-X	.....do.....	Do.
Cohasset.....	WJUI	300, 600	PG-X	.....do.....	I. W. T. Co.
Cokato.....	WMUE	300, 600	PG-X	.....do.....	Do.
Cokesit.....	WQUA	300, 600	PG-X	.....do.....	Do.
Coldbrook.....	KOQK	300, 600	PG-X	.....do.....	S. O. R. S.
Cold Harbor.....	KUBB	300, 600	PG-X	.....do.....	R. C. of A.
Cold Spring.....	KIQK	300, 600	PG-N	.....do.....	S. O. R. S.
Coldwater.....	KUCX	300, 600	PG-X	.....do.....	R. C. of A.
Col. E. L. Drake.....	WTS	300, 450, 600	PG-X	Standard Oil Co. of Calif.	U. S. S. B.....
Colin H. Livingstone.....	KDIN	300, 600	PG-X	.....do.....	S. O. R. S.
Collamer.....	KOZZ	300, 600	PG-N	.....do.....	R. C. of A.
Collingsworth.....	KUKX	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Colombia.....	WBH	300, 600, 1800	PG-N	Pacific Mail S. S. Co.	F. T. Co.
Colon.....	KMX	300, 450, 600	PG-N	Panama R. R. Co.	Owner of vessel.
Colorado Springs.....	KILK	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Coithrops.....	KUMR	300, 450, 600	PG-X	.....do.....	Do.
Columbia.....	WHC	300, 430, 600	PG-X	New Orleans & South American S. S. Co.	Owner of vessel.
Colusa.....	WIN	300, 600	PG-N	Grace S. S. Co.	I. W. T. Co.
Comal.....	KEM	300, 450, 600	PG-N	Mallory S. S. Co.	Do.
Comanche.....	KVC	300, 600	PG-N	Clyde S. S. Co.	S. O. R. S.
Comerant.....	KUMQ	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Comet.....	KTJ	300, 450, 600	PG-X	Standard Oil Co. of N. Y.	I. W. T. Co.
Commack.....	KULT	300, 600	PG-X	U. S. S. B.....	Merritt & Chapman Derrick & Wrecking Co.
Commissioner.....	KOGZ	300, 600	PG-X	.....do.....	I. R. T. Co.
Commonwealth.....	KXC	300, 550, 600	PG-X	New England S. S. Co.	R. C. of A.
Communipaw.....	KOE	300, 600	PG-X	Standard Oil Co. of N. J.	Owner of vessel.
Comus.....	KKD	300, 600	PG-N	Southern Pacific Co.	I. W. T. Co.
Concho.....	KEC	300, 450, 600	PG-N	Mallory S. S. Co.	I. R. T. Co.
Concord.....	KNC	300, 550, 600	PG-N	Colonial Navigation Co.	R. C. of A.
Conehatta.....	KUQQ	300, 450, 600	PG-X	U. S. S. B.....	Do.
Conejos.....	KUKT	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Connate.....	WCU	300, 600	PG-X	Gulf Refining Co.	I. W. T. Co.
Connerville.....	WKOO	300, 600	PG-X	U. S. S. B.....	Do.
Conness Peak.....	KUPL	300, 450, 600	PG-X	.....do.....	R. C. of A.
Conotton.....	WVAO	300, 600	PG-X	.....do.....	Do.
Consort.....	KDOI	300, 600	PG-X	.....do.....	I. W. T. Co.
Continental Bridge.....	KOCP	300, 600	PG-X	.....do.....	Do.
Contoocock.....	WVAU	300, 600	PG-X	.....do.....	R. C. of A.
Cook.....	KOFX	300, 600	PG-X	.....do.....	Do.
Coolcha.....	KOPS	300, 440, 525, 600	PG-X	Anglo-California Trust Co.	S. O. R. S.
Coosa.....	WLF	300, 450, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Copalgrove.....	KEFJ	300, 600	PG-X	.....do.....	S. O. R. S.
Coperas.....	WTEU	300, 600	PG-X	.....do.....	T. R. T. Co.
Coppename.....	KDF	300, 600	PG-N	United Fruit Co.	R. C. of A.
Coquina.....	WVAA	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Coquitt.....	KOFZ	300, 600	PG-X	.....do.....	R. C. of A.
Cora F. Cressy.....	KSZ	300, 450, 600	PG-X	France & Canada S. S. Co.	Do.
Corapeak.....	WVAE	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Corcoran.....	WVAI	300, 600	PG-X	.....do.....	Do.
Cordova.....	WAR	300, 600	PG-X	Alaska S. S. Co.	I. W. T. Co.
Cornelia.....	KZD	300, 600	PG-X	Bull-Insular S. S. Co.	R. C. of A.
Corning.....	KIH	300, 450, 600	PG-X	Standard Oil Co. of N. J.	I. W. T. Co.
Cornucopia.....	WNIU	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Coronado.....	WFZ	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Corrales.....	WPIE	300, 600	PG-X	.....do.....	Owner of vessel.
Corsair.....	KYCF	300, 450, 600	PG-X	J. P. Morgan.....	R. C. of A.
Corsicana.....	WPII	300, 600	PG-X	U. S. S. B.....	Do.
Corson.....	KIQV	300, 600	PG-X	.....do.....	S. O. R. S.
Corvus.....	KOPL	300, 450, 600	PG-X	Green Star S. S. Corp.	Owner of vessel.
Coskata.....	KOMZ	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Costa Rica.....	WQI	300, 600	PG-X	L. A. Pederson.....	I. W. T. Co.
Costigan.....	KINF	300, 600	PG-X	U. S. S. B.....	Do.
Costilla.....	WMEA	300, 600	PG-X	.....do.....	S. O. R. S.
Cotati.....	KIQF	300, 600	PG-X	.....do.....	Do.
Cote Blanche.....	WMEE	300, 600	PG-X	.....do.....	S. O. R. S.
Cotopaxi.....	WMEI	300, 600	PG-X	Clinchfield Navigation Co.	R. C. of A.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Cottonplant.....	WMEO	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Cottonwood.....	WMEU	300,600	PG-X	.....do.....	Do.
Coulee.....	WTOU	300,600	PG-X	.....do.....	R. C. of A.
Couparle.....	WVOE	300,600	PG-X	.....do.....	I. W. T. Co.
Courageous.....	WVUA	300,600	PG-X	.....do.....	R. C. of A.
Courtois.....	WVOI	300,600	PG-X	.....do.....	I. W. T. Co.
Coushatta.....	WVOO	300,600	PG-X	.....do.....	Do.
Coutolene.....	WVOU	300,600	PG-X	.....do.....	R. C. of A.
Covalt.....	KEMM	300,600	PG-X	.....do.....	Do.
Covedale.....	KEMN	300,450,600	PG-X	.....do.....	R. C. of A.
Covena.....	KEMP	300,450,600	PG-X	.....do.....	Do.
Coverun.....	KENM	300,600	PG-X	.....do.....	Do.
Cowan.....	KENN	300,600	PG-X	.....do.....	S. O. R. S.
Cowanshannock.....	WMAE	300,450,600	PG-X	.....do.....	Do.
Cowardin.....	KESL	300,450,600	PG-X	Nacirema S. S. Corp.	I. W. T. Co.
Cowboy.....	WMAI	300,600	PG-X	U. S. S. B.....	Do.
Cowee.....	WMAO	300,450,600	PG-X	.....do.....	I. W. T. Co.
Cowiche.....	WXOA	300,600	PG-X	.....do.....	R. C. of A.
Coyote.....	KXUU	300,600	PG-X	American S. S. Corp.	Do.
Crabtree.....	WXOE	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Craftsman.....	KIBR	300,600	PG-X	.....do.....	R. C. of A.
Craigrownie.....	WXOI	300,600	PG-X	.....do.....	Do.
Craigsmere.....	WXOO	300,600	PG-X	.....do.....	I. W. T. Co.
Craincreek.....	WNAA	300,600	PG-X	.....do.....	S. O. R. S.
Crampton Anderson.....	KDOH	300,450,600	PG-X	Pan-Amer. Petr. & Trans. Co.	R. C. of A.
Cranenest.....	WNAE	300,600	PG-X	U. S. S. B.....	Do.
Cranford.....	KOLX	300,600	PG-X	.....do.....	Do.
Craster Hall.....	KLK	300,600	PG-X	U. S. Steel Products Co.	R. C. of A.
Crathorne.....	WSOO	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Crawl Keys.....	WDEI	300,600	PG-X	.....do.....	R. C. of A.
Craycroft.....	WNAI	300,600	PG-X	.....do.....	S. O. R. S.
Creole.....	KKR	300,450,600	PG-N	Southern Pacific Co.	Owner of vessel.
Creole State.....	KDLB	300,450,600	PG-N	U. S. S. B.....	I. W. T. Co.
Cretan.....	KQC	300,450,600	PG-N	Mer. & Min. Trans. Co.	Do.
Cricket.....	WSEI	300,450,600	PG-X	Cricket S. S. Co.	S. O. R. S.
Cripple Creek.....	KOJL	300,376,600	PG-X	U. S. S. B.....	Do.
Crisfield.....	KOKP	300,600	PG-X	.....do.....	I. W. T. Co.
Cristina.....	KUZB	300,450,600	PG-X	Vincent Astor.....	Owner of vessel.
Cristobal.....	KMD	300,450,600	PG-N	Panama R. R. Co.	R. C. of A.
Crofton Hall.....	KLR	300,450,600	PG-N	U. S. Steel Products Co.	I. T. W. Co.
Cross Keys.....	KOTD	300,600	PG-X	U. S. S. B.....	Do.
Crown City.....	KUSP	300,450,600	PG-X	.....do.....	R. C. of A.
Crudoll.....	KUQD	300,600	PG-X	Pan-Amer. Petr. & Trans. Co.	Steamship Cuba, Inc.
Cuba.....	KDLK	300,450,600	PG-N	Penin. & Occidental S. S. Co.	C. & W.
Do.....	KDRT	300,600	PG-N	Pacific Mail S. S. Co.	R. C. of A.
Do.....	WQU	300,600	PG-N	Guaranty Trust Co.	F. T. CO.
Cubore.....	KUPP	300,450,600	PG-X	U. S. S. B.....	R. C. of A.
Culberson.....	KDDV	300,600	PG-X	J. E. Chilberg.....	S. O. R. S.
Culburra.....	KOZR	300,600	PG-X	U. S. S. B.....	R. C. of A.
Cuprum.....	KDJU	300,600	PG-X	Pacific S. S. Co.	R. C. of A.
Curacao.....	WGK	300,600	PG-N	Gulf Refining Co.	I. W. T. Co.
Currier.....	KNU	300,450,600	PG-X	U. S. S. B.....	S. O. R. S.
Cushnet.....	KONB	300,600	PG-X	.....do.....	R. C. of A.
Cushnoc.....	KIMJ	300,450,600	PG-X	.....do.....	S. O. R. S.
Custodian.....	KIVZ	300,600	PG-X	.....do.....	R. C. of A.
Cuttjhunk.....	KONC	300,600	PG-X	.....do.....	Do.
Cuyamaca.....	KUXD	300,450,600	PG-X	.....do.....	R. C. of A.
Dade County.....	KIJZ	300,600	PG-X	.....do.....	Owner of vessel.
Dakotan.....	WKD	300,600	PG-X	American-Hawaiian S. S. Co.	R. C. of A.
Dallas.....	KEQB	300,600	PG-N	U. S. S. B.....	R. C. of A.
Damacan.....	KELS	300,600	PG-X	.....do.....	Do.
Danebrog.....	WXAO	300,600	PG-X	.....do.....	R. C. of A.
Dan F. Hanlon.....	KDKU	300,600	PG-X	D. J. Hanlon.....	Do.
Daniel Webster.....	KOKM	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Dannedaike.....	KOPD	300,450,600	PG-X	.....do.....	R. C. of A.
Danville.....	KOSJ	300,450,600	PG-X	U. S. S. B.....	Do.
Darden.....	KUPK	300,600	PG-X	U. S.-Mex. Oil Corp.	S. O. R. S.
Darien.....	KULG	300,600	PG-X	Panama R. R. Co.	Do.
Dartford.....	KDAV	300,600	PG-X	U. S.-Mex. Oil Corp.	R. C. of A.
Dauperata.....	KIZJ	300,600	PG-X	.....do.....	S. O. R. S.
Davenport.....	KUDR	300,600	PG-X	J. O. Davenport.....	Do.
David McKeivy.....	KDTD	300,600	PG-X	Tidewater Oil Co.	R. C. of A.
Davidson County.....	KINX	300,600	PG-X	U. S. S. B.....	Do.
Dawn.....	KDHZ	300,600	PG-X	William T. Donnelly.....	R. C. of A.
Dawnlite.....	KPP	300,450,600	PG-X	Standard Oil Co. of N. J.	Do.
Daylite.....	KPR	300,450,600	PG-X	.....do.....	Do.
Dayton.....	KNP	300,450,600	PG-X	.....do.....	Do.
Decatur Bridge.....	KECJ	300,600	PG-X	U. S. S. B.....	S. O. R. S.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Deepwater.....	KLY	300, 450, 600	PG-X	Castner, Curran & Bullitt.....	R. C. of A.
Deerfield.....	WTIU	300, 600	PG-N	Elder Steel S. S. Co.....	S. O. R. S.
Deer Lodge.....	KIMD	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Defiance.....	WSEA	300, 600	PG-X	.....do.....	Do.
Delanson.....	KOTX	300, 600	PG-X	.....do.....	Moore & McCormack.
Delavan.....	KIRQ	300, 600	PG-X	.....do.....	R. C. of A.
Delco.....	KIZB	300, 600	PG-X	Delco S. S. Co.....	S. O. R. S.
Delfina.....	KIVS	300, 600	PG-X	U. S. S. B.....	Do.
Delight.....	KQOE	300, 600	PG-X	.....do.....	R. C. of A.
Delisle.....	KIVT	300, 450, 600, 1800	PG-X	.....do.....	S. O. R. S.
Delivery No. 5.....	KDCK	300, 600	PG-X	Standard Oil Co. of N. Y.....	I. W. T. Co.
Dellwood.....	KUBZ	300, 600	PG-X	U. S. S. B.....	Do.
Delphine.....	KDRR	300, 600	PG-X	Horace E. Dodge, estate.....	Do.
Delphine.....	KIFL	300, 450, 600	PG-X	Horace E. Dodge.....	I. W. T. Co.
Delrosa.....	KUTG	300, 600	PG-X	U. S. S. B.....	Do.
Democracy.....	WAQ	300, 600	PG-N	.....do.....	Do.
Depere.....	KDBA	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Deranof.....	KQIO	300, 600	PG-X	.....do.....	Do.
Derblay.....	KDDT	300, 450, 600	PG-X	.....do.....	Do.
Derbyline.....	KIRT	300, 600	PG-X	.....do.....	R. C. of A.
Deroche.....	KOBJ	300, 600	PG-X	.....do.....	I. W. T. Co.
Des Moines Bridge.....	KUCG	300, 600	PG-X	.....do.....	R. C. of A.
De Soto.....	KNI	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	I. W. T. Co.
Detroit-Wayne.....	KONX	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Deuel.....	KOMD	300, 600	PG-X	.....do.....	I. W. T. Co.
Devolente.....	KIVR	300, 600	PG-X	.....do.....	Do.
Dewey.....	KDNF	300, 600	PG-X	Andrew Olson.....	R. C. of A.
Dewey.....	KODT	300, 450, 600	PG-X	U. S. S. B.....	Do.
D. G. Scofield.....	WRD	300, 450, 600, 1800	PG-X	Standard Oil Co. of Calif.....	R. C. of A.
Diablo.....	KEPD	300, 600	PG-X	U. S. S. B.....	Do.
Dillwyn.....	KODX	300, 600	PG-X	.....do.....	Do.
Dilworth.....	KOVJ	300, 450, 600	PG-X	.....do.....	Do.
Dinsmore.....	KDKN	300, 600	PG-X	.....do.....	I. W. T. Co.
Die.....	WNEO	300, 600	PG-N	.....do.....	Do.
Director.....	KIGJ	300, 600	PG-X	Northern Transportation Co.....	Do.
Dirigo.....	KEGM	300, 600	PG-X	Texas Co.....	Do.
District of Col.....	KDMZ	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Dixiana.....	KDSP	300, 600	PG-X	Amer. Sugar Transit Corp.....	R. C. of A.
Dochet.....	KIMR	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Dochra.....	KGL	300, 450, 600	PG-X	Barber & Co.....	R. C. of A.
Donald McKay.....	KULL	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Donna Lane.....	KDGN	300, 600	PG-X	Donna Lane Motorship Corp.....	Owner of vessel.
Dora.....	WAH	300, 600	PG-X	N. C. Eggen.....	I. W. T. Co.
Dorchester.....	KQD	300, 450, 600	PG-X	Merch. & Miners Trans. Co.....	Owner of vessel.
Dorothy Bradford.....	KNA	300, 600	PG-X	Cape Cod S. S. Co.....	S. O. R. S.
Doylestown.....	KIPG	300, 600	PG-X	U. S. S. B.....	Do.
Dryden.....	KORK	300, 600	PG-X	.....do.....	R. C. of A.
Dulcino.....	KTV	300, 450, 600	PG-X	Amer. Sugar Transit Corp.....	S. O. R. S.
Dungannon.....	KUZF	300, 450, 600	PG-X	U. S. S. B.....	Owner of vessel.
Dunsyre.....	KUMF	300, 600	PG-X	Robert Dollar Co.....	I. W. T. Co.
Duquesne.....	KECS	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Durham.....	KDNL	300, 450, 600	PG-X	France & Can. Oil Trans. Co.....	Owner of vessel.
Eagle.....	KDBF	300, 600	PG-X	William K. Vanderbilt, jr.....	R. C. of A.
Eagle.....	KIR	300, 450, 600	PG-X	Standard Transportation Co.....	S. O. R. S.
E. A. Morse.....	KOVN	300, 600	PG-X	U. S. S. B.....	R. C. of A.
East Cape.....	KENC	300, 450, 600	PG-X	.....do.....	S. O. R. S.
East Chicago.....	KUKD	300, 600	PG-X	.....do.....	R. C. of A.
Easterling.....	KEJD	300, 600	PG-X	.....do.....	S. O. R. S.
Eastern Admiral.....	KURM	300, 600	PG-N	.....do.....	I. W. T. Co.
Eastern Belle.....	KUJT	300, 600	PG-X	.....do.....	S. O. R. S.
Eastern Breeze.....	KOPP	300, 600	PG-X	.....do.....	Do.
Eastern Chief.....	KSEI	300, 600	PG-X	.....do.....	Do.
Eastern Cloud.....	KUSQ	300, 450, 600	PG-X	.....do.....	Do.
Eastern Coast.....	KURX	300, 600	PG-X	.....do.....	Do.
Eastern Crag.....	KUJV	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Eastern Cross.....	WKIU	300, 600	PG-N	.....do.....	S. O. R. S.
Eastern Crown.....	KUNQ	300, 600	PG-N	.....do.....	R. C. of A.
Eastern Dawn.....	KUQT	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Eastern Exporter.....	KDAZ	300, 600	PG-X	.....do.....	Do.
Easterner.....	WGEA	300, 600	PG-N	.....do.....	I. W. T. Co.
Eastern Gale.....	KUDZ	300, 600	PG-X	.....do.....	S. O. R. S.
Eastern Glade.....	KUND	300, 450, 600	PG-N	.....do.....	I. W. T. Co.
Eastern Glen.....	KUVB	300, 450, 600	PG-N	.....do.....	Do.
Eastern Guide.....	KUCN	300, 450, 600	PG-Xdo.....	I. W. T. Co.
Eastern Importer.....	KDBY	300, 600	PG-Xdo.....	Do.

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Eastern King.....	WFEA	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Eastern Knight.....	KUFB	300, 450, 600	PG-X	do.....	S. O. R. S.
Eastern Leader.....	KDHY	300, 600	PG-X	do.....	I. W. T. Co.
Eastern Light.....	WKII	300, 600	PG-N	do.....	R. C. of A.
Eastern Maid.....	KUTF	300, 450, 600	PG-X	do.....	I. W. T. Co.
Eastern Mariner.....	KUGB	300, 450, 600	PG-X	do.....	R. C. of A.
Eastern Merchant.....	KUKS	300, 450, 600	PG-N	do.....	I. W. T. Co.
Eastern Moon.....	KUDX	300, 450, 600	PG-N	do.....	R. C. of A.
Eastern Ocean.....	KUNF	300, 600	PG-X	do.....	I. W. T. Co.
Eastern Pilot.....	KULJ	300, 450, 600	PG-X	do.....	R. C. of A.
Eastern Planet.....	KUPD	300, 450, 600	PG-N	do.....	S. O. R. S.
Eastern Queen.....	KXUE	300, 600	PG-N	do.....	I. W. T. Co.
Eastern Sailor.....	KUZT	300, 600	PG-X	do.....	Do.
Eastern Sea.....	KTEA	300, 450, 600	PG-N	do.....	R. C. of A.
Eastern Shore.....	WKIO	300, 600	PG-N	do.....	I. W. T. Co.
Eastern Soldier.....	KDED	300, 450, 600	PG-X	do.....	Do.
Eastern States.....	WEE	300, 600	PG-N	Detroit & Cleveland Nav. Co.	S. O. R. S.
Eastern Star.....	KTAU	300, 600	PG-X	Standard S. S. Co.	I. W. T. Co.
Eastern Sun.....	KTIE	300, 600	PG-X	U. S. S. B.....	Do.
Eastern Sword.....	KDKB	300, 450, 600	PG-X	do.....	S. O. R. S.
Eastern Tempest.....	KUVG	300, 450, 600	PG-X	do.....	Do.
Eastern Temple.....	KDEZ	300, 450, 600	PG-X	do.....	Do.
Eastern Trader.....	KULK	300, 450, 600	PG-N	do.....	I. W. T. Co.
Eastern Victor.....	KUNR	300, 600	PG-N	do.....	C. E. Davis Packing Co.
East Hampton.....	KDFZ	300, 450, 600	PG-X	do.....	S. O. R. S.
East Indian.....	WGEI	300, 600	PG-N	U. S. S. B.....	R. C. of A.
Eastport.....	WCIE	300, 450, 600	PG-X	do.....	I. W. T. Co.
East Side.....	KIMQ	300, 600	PG-N	do.....	Do.
East Wind.....	KEKB	300, 600	PG-N	do.....	S. O. R. S.
Eclipse.....	KEGF	300, 600	PG-X	do.....	I. W. T. Co.
E.C. Pope.....	WZAU	300, 600	PG-X	Intercoast S. S. Co.	F. T. Co.
Ecuador.....	WBN	300, 600, 1800	PG-X	Pacific Mail S. S. Co.	S. O. R. S.
Edellyn.....	KIJL	300, 600	PG-X	U. S. S. B.....	Do.
Edenton.....	KECB	300, 450, 530 600	PG-X	do.....	
Edgar F. Coney.....	KDHD	300, 600	PG-X	Philip Shore.....	
Edgar F. Luckenbach.....	KGK	300, 450, 530, 600	PG-X	Luckenbach Co.....	Do.
Edgecombe.....	WQUE	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Edgefield.....	KEBF	300, 600	PG-N	do.....	R. C. of A.
Edghill.....	KETN	300, 600	PG-X	do.....	Do.
Edgemoor.....	KEVF	300, 600	PG-X	do.....	Do.
Edgemont.....	KETP	300, 600	PG-X	do.....	Do.
Edgewood.....	KICM	300, 600	PG-X	do.....	Do.
Edisto.....	KILG	300, 600	PG-X	A. H. Bull S. S. Co.	S. O. R. S.
Edith.....	KZF	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Editor.....	KOBG	300, 600	PG-X	do.....	S. O. R. S.
Edmore.....	KILJ	300, 600	PG-X	Thomas H. Ince.....	I. W. T. Co.
Edris.....	KDBG	300, 600	PG-X	French Overseas Corp.	Owner of vessel.
Edward J. Lawrence.....	KQY	300, 450, 600	PG-X	Luckenbach S. S. Co.....	R. C. of A.
Edward L. Doheny.....	WIE	300, 450, 600	PG-X	Pan-Am. Petroleum & Tr. Co.	Do.
Edward L. Doheny, junior.....	WIJ	300, 450, 600	PG-X	do.....	Do.
Edward Luckenbach.....	KGQ	300, 450, 525, 600	PG-X	do.....	S. O. R. S.
Edward Pierce.....	KMOU	300, 600	PG-X	Crowell & Thurlow S. S. Co.	Owner of vessel.
Eelbeck.....	KINQ	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Effingham.....	KOLT	300, 600	PG-X	do.....	Do.
Eiffna.....	KOMT	300, 600	PG-X	do.....	Do.
Egeria.....	KDCJ	300, 600	PG-X	Coast Shipbuilding Co.	S. O. R. S.
Eglantine.....	KOPT	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Egremont.....	KOQS	300, 600	PG-X	do.....	I. W. T. Co.
E. J. Earling.....	WEI	300, 600	PG-X	Franklin S. S. Co.	R. C. of A.
El Alba.....	KKL	300, 450, 600	PG-X	Southern Pacific Co.	Owner of vessel.
El Almirante.....	KKG	300, 450, 600	PG-X	do.....	Do.
El Capitan.....	KKH	300, 450, 600	PG-X	do.....	Do.
El Capitan.....	WNB	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
El Cid.....	KKT	300, 450, 600	PG-X	Southern Pacific Co.	Owner of vessel.
Eldena.....	KEVG	300, 600	PG-X	U. S. S. B.....	R. C. of A.
El Dia.....	KKY	300, 450, 600	PG-X	Southern Pacific Co.	Owner of vessel.
E. L. Doheny, Third.....	WROO	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Eldrado.....	KMOI	300, 450, 600	PG-X	Western Transport Co.	Do.
Eldridge.....	KICN	320, 600	PG-X	U. S. S. B.....	S. O. R. S.
E'l Estero.....	KDT	300, 600	PG-X	Southern Pacific Co.	Owner of vessel.
Elay.....	KOVQ	300, 450, 600	PG-X	Russell A. Alger.....	S. O. R. S.
Elinor.....	KVR	300, 600	PG-X	U. S. S. B.....	Do.
Elska Walker.....	KFGQ	300, 600	PG-X	Pan-Amer. Pet. & Transp. Co.	R. C. of A.

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
El Isleo.....	KDNA	300, 600	PG-X	Southern Pacific Co.....	Owner of vessel.
Elkhorn.....	KOCL	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Elkridge.....	KISG	300, 600	PG-X	.....do.....	I. W. T. Co.
Elkton.....	KOKF	300, 600	PG-X	.....do.....	Owner of vessel.
El Lago.....	KDNW	300, 600	PG-X	Southern Pacific Co.....	S. O. R. S.
Elmac.....	KDCY	300, 450, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Elmsport.....	KILF	300, 600	PG-X	.....do.....	Owner of vessel.
El Mundo.....	KKU	300, 450, 600	PG-X	Southern Pacific Co.....	Do.
El Norte.....	KKN	300, 450, 600	PG-X	.....do.....	Do.
El Occidente.....	KKX	300, 600	PG-N	.....do.....	Do.
El Oriente.....	KKV	300, 450, 600	PG-X	.....do.....	Do.
El Rio.....	KKZ	300, 450, 600	PG-X	.....do.....	Do.
El Segundo.....	WTQ	300, 600	PG-X	Standard Oil Co. of Calif.....	R. C. of A.
El Siglo.....	KKS	300, 450, 600	PG-N	Southern Pacific Co.....	Owner of vessel.
El Sol.....	KKB	300, 450, 600	PG-N	.....do.....	Do.
El Sud.....	KKQ	300, 450, 600	PG-X	.....do.....	Do.
El Valle.....	KKW	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Emergency Aid.....	KDKD	300, 600	PG-X	U. S. S. B.....	Do.
Empire State.....	KDSV	300, 600	PG-X	.....do.....	Do.
Endicott.....	KODN	300, 450, 600	PG-X	.....do.....	Do.
Englewood.....	WGAA	300, 600	PG-X	.....do.....	Do.
Ensley City.....	KUZS	300, 600	PG-X	.....do.....	R. C. of A.
Enterprise.....	WMN	300, 450, 600	PG-N	U. S. Steel Products Co.....	Do.
Eocene.....	KTM	300, 600	PG-X	Matsun Navigation Co.....	Owner of vessel.
Epitacio Pessoa.....	KOCC	300, 600	PG-X	Standard Oil Co. of N. Y.....	I. W. T. Co.
E. R. Kemp.....	KDQD	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Ernest H. Meyer.....	WMJ	300, 600	PG-X	Sinclair Navigation Co.....	Do.
E. R. Sterling.....	WIS	300, 565, 600	PG-X	Broughton & Wiggins Nav. Co.....	Owner of vessel.
Escambia.....	KOGK	300, 600	PG-X	Sterling Ship Co.....	S. O. R. S.
Esparta.....	KDO	300, 450, 600	PG-X	U. S. S. B.....	T. R. T. Co.
Esperanza.....	KWZ	300, 450, 600	PG-N	United Fruit Co.....	I. W. T. Co.
Essex.....	KQE	300, 450, 600	PG-N	New York & Cuba Mail S. S. Co.....	Do.
Estrada Palma.....	KDMG	300, 600	PG-X	Merchants & Miners' Trans. Co.....	R. C. of A.
E. T. Bedford.....	KDSB	300, 600	PG-X	Florida East Coast Car Fer. Co.....	Do.
Ethan Allen.....	KUQJ	300, 600, 1800	PG-N	Standard Oil Co. of N. J.....	S. O. R. S.
Eugene V. R. Thayer.....	KDMA	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Eurana.....	KJG	300, 600	PG-X	Sinclair Navigation Co.....	Do.
Evansville.....	KIKT	300, 600	PG-N	Green Star S. S. Corp.....	I. W. T. Co.
Evelyn.....	KZP	300, 600	PG-X	.....do.....	Do.
Everett.....	KUQR	300, 600	PG-X	A. H. Bull S. S. Co.....	Owner of vessel.
Everett.....	KZT	300, 600	PG-X	Chas. R. McCormick & Co.....	R. C. of A.
Everglades.....	WQEE	300, 600	PG-X	New England Fuel & Tr. Co.....	I. W. T. Co.
Evergreen City.....	KUNJ	300, 600	PG-X	U. S. S. B.....	Do.
E. W. Sinclair.....	KDRN	300, 600	PG-X	.....do.....	R. C. of A.
Excelsior.....	KKO	300, 600	PG-N	Sinclair Navigation Co.....	Owner of vessel.
Explorer.....	KIVN	300, 600	PG-X	Southern Pacific Co.....	R. C. of A.
Fairfield City.....	KDPY	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Fairmont.....	KXT	300, 600	PG-X	U. S. Steel Products Co.....	Do.
Fair Oaks.....	WSM	300, 600	PG-X	Coastwise Transportation Co.....	R. C. of A.
Faith.....	KJOA	300, 600	PG-X	Oriental Navigation Corp.....	Owner of vessel.
Faraby.....	KEJV	300, 600	PG-X	San Francisco Shipbuilding Co.....	S. O. R. S.
Fargo.....	KONL	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Farnham.....	KQIE	300, 600	PG-X	.....do.....	Do.
Favorite.....	KIFG	300, 600	PG-X	Great Lakes Towing Co.....	R. C. of A.
Favorite.....	KDNY	300, 600	PG-X	.....do.....	Do.
Fayette Brown.....	WCF	300, 600	PG-X	U. S. S. B.....	R. C. of A.
F. B. Squire.....	WQG	300, 600	PG-X	Harvey H. Brown & Co.....	Do.
F. C. Latrobe.....	WFU	300, 600	PG-X	Jenkins S. S. Co.....	Do.
F. D. Asche.....	KDOL	300, 600	PG-X	City of Baltimore.....	Owner of vessel.
Fearless.....	KSUA	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Federal.....	KDRA	300, 600	PG-X	Ship Own. & Mer. Tugboat Co.....	Owner of vessel.
Federal Bridge.....	WDOO	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Felix Taussig.....	KOCN	300, 450, 600	PG-X	.....do.....	Do.
Feltore.....	KXZ	300, 600	PG-X	Crowell & Thurlow S. S. Co.....	Owner of vessel.
Finland.....	KFG	300, 450, 600	PG-X	Ore S. S. Corp.....	R. C. of A.
Firmore.....	KSF	300, 600	PG-N	Inter. Mercantile Marine Co.....	I. W. T. Co.
Firthcliffe.....	KDX	300, 450, 600	PG-X	Ore S. S. Corp.....	R. C. of A.
Fishkill.....	KITF	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
F. J. Luckenbach.....	KULF	300, 600	PG-X	.....do.....	I. W. T. Co.
Fleetco.....	WNZ	300, 450, 600	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Florence Luckenbach.....	KURK	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Florence Olson.....	WNM	300, 600	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Florida.....	WPK	300, 600	PG-X	Oliver J. Olson.....	Owner of vessel.
Florida.....	WJJ	300, 600	PG-X	Goodrich Transit Co.....	R. C. of A.
Floridian.....	KUS	300, 450, 600	PG-X	Texas Co.....	Do.
	WLR	300, 450, 600	PG-X	American-Hawaiian S. S. Co.....	Owner of vessel.

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Fluor Spar.....	KIQX	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Fordonian.....	KRU	300, 600	PG-X	Amer.-Mediterranean S. S. Co.	Do.
Forest King.....	KDBH	300, 425, 600	PG-X	Forest King Co.....	S. O. R. S.
Fort Armstrong.....	KUKF	300, 600	PG-X	U. S. S. B.....	Do.
Fort Bragg.....	WLH	300, 600	PG-X	Charles H. Higgins.....	
Fort George.....	KDJB	300, 600	PG-X	U. S. S. B.....	
Fort Logan.....	KIQJ	300, 600	PG-X	do.....	
Fort Pitt Bridge.....	KWB	300, 450, 600	PG-X	do.....	I. W. T. Co.
Fort Seward.....	KEVJ	300, 450, 600	PG-X	do.....	R. C. of A.
Fort Wayne.....	WDOU	300, 600	PG-N	do.....	
Fort Worth.....	KLD	300, 600	PG-X	do.....	Do.
Fourth Alabama.....	KIXJ	300, 600	PG-X	do.....	Do.
F. Q. Barstow.....	KNQ	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	
Frank G. Drum.....	KDQZ	300, 600	PG-X	Associated Oil Co.....	
Frank H. Buck.....	WTO	300, 600, 1800	PG-X	do.....	
Franklin.....	KDPK	300, 450, 600	PG-X	Galena Navigation Co.....	F. T. Co.
Franklin.....	WFF	300, 450, 600	PG-X	Coastwise Transportation Co.....	I. R. T. Co.
Franklin County.....	KOTV	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Franklin K. Lane.....	KDLH	300, 600	PG-X	Pan-Amer. Pet. & Transp. Co.....	I. W. T. Co.
Fred Baxter.....	WOG	300, 600	PG-X	Fred Baxter S. S. Co.....	R. C. of A.
Frederic Ewing.....	WNQ	300, 450, 600	PG-X	Pan-Amer. Pet. & Transp. Co.....	Owner of vessel.
Frederic R. Kellogg.....	WIQ	300, 450, 600	PG-X	do.....	R. C. of A.
Fred'k Luckenbach.....	KGV	300, 600	PG-X	Luckenbach S. S. Co.....	Do.
Fred W. Weller.....	KNY	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	S. O. R. S.
Freedom.....	KFW	300, 600	PG-N	U. S. S. B.....	R. C. of A.
Freeman.....	WMM	300, 600	PG-X	Pocahontas Fuel Co.....	Do.
Freeport Sulphur No. 1.....	KRA	300, 600	PG-X	Freeport Sulphur Transp. Co.....	Do.
Freeport Sulphur No. 2.....	KRG	300, 600	PG-X	do.....	Do.
Freeport Sulphur No. 5.....	KUMK	300, 450, 600	PG-X	do.....	Do.
Freeport Sulphur No. 6.....	KUNP	300, 450, 600	PG-X	do.....	Do.
Fresno.....	KTIO	300, 600	PG-N	U. S. S. B.....	R. C. of A.
Frieda.....	KFF	300, 450, 600	PG-X	Union Sulphur Co.....	S. O. R. S.
Fueloil.....	KUQB	300, 600	PG-X	Pan-Amer. Petrilm. & Tr. Co.....	R. C. of A.
Gaffney.....	KICR	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Galahad.....	KEQR	300, 600	PG-X	do.....	I. W. T. CO.
Galesburg.....	WGAE	300, 600	PG-X	do.....	Do.
Galveston.....	KDQE	300, 600	PG-X	do.....	
Ganeri.....	KERL	300, 600	PG-N	do.....	
Garfield.....	WQOE	300, 600	PG-X	Grace S. S. Co.....	R. C. of A.
Gargoyle.....	KDPK	300, 600	PG-X	Vacuum Oil Co.....	Do.
Garibaldi.....	KROU	300, 600	PG-X	U. S. S. B.....	Do.
Gateway City.....	KDFD	300, 600	PG-X	do.....	Do.
Gdansk.....	WHJ	300, 450, 600	PG-N	Polish-American Nav. Corp.....	Do.
Gene Crawley.....	KQF	300, 600	PG-X	Sinclair Gulf Corp.....	Do.
General G. W. Goethals.....	KMZ	300, 600	PG-N	Panama R. R. Co.....	Owner of vessel.
General H. F. Hodges.....	KPG	300, 600	PG-N	do.....	Do.
General O. H. Ernst.....	KPF	300, 600	PG-N	do.....	Do.
General W. C. Gorgas.....	KIP	300, 600	PG-N	do.....	Do.
Genesee.....	KIDL	300, 450, 600	PG-X	W. K. Vanderbilt, jr.....	Do.
George L. Harvey.....	KDET	300, 600	PG-X	Joseph Kildall.....	Do.
George B. MacKenzie.....	KUNT	300, 600	PG-X	American Bauxite Co.....	R. C. of A.
George C. Greer.....	KOQL	300, 450, 600	PG-X	Magnolia Petroleum Co.....	Owner of vessel.
George E. Weed.....	KDIM	300, 600, 1800	PG-X	U. S. S. B.....	S. O. R. S.
George G. Henry.....	WIT	300, 600	PG-X	Pan-Amer. Petrilm. & Tr. Co.....	R. C. of A.
Geo. H. Jones.....	KIPS	300, 600	PG-X	Standard Oil Co. of N. J.....	Do.
George Pierce.....	KDLT	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
George Washington.....	KDCL	300, 600	PG-N	do.....	Do.
George W. Barnes.....	KMUI	300, 600	PG-X	Pan-Amer. Petrilm. & Tr. Co.....	R. C. of A.
Georgia.....	KUR	300, 450, 600	PG-X	Texas Co.....	I. W. T. Co.
Georgia.....	WFA	300, 600	PG-X	Crosby Transportation Co.....	Owner of vessel.
Georgina Rolph.....	KETX	300, 600	PG-X	Rolph Nav. & Coal Co.....	
Gladysbe.....	KDEV	300, 600	PG-X	U. S.-Mex. Oil Corp.....	
Glendola.....	KFAI	300, 450, 600	PG-X	Glendola S. S. Corp.....	R. C. of A.
Glendoyle.....	KFAO	300, 600	PG-X	Glendoyle S. S. Corp.....	I. W. T. Co.
Glenora.....	KDFP	300, 600	PG-X	U. S. S. B.....	
Glenpool.....	KOH	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Glen Ridge.....	KIRZ	300, 600	PG-X	U. S. S. B.....	Do.
Glen White.....	KSIE	300, 600	PG-X	Castner, Curran & Bullitt.....	Do.
Gloria West.....	KDSK	300, 450, 600	PG-X	H. T. West.....	Owner of vessel.
Gloucester.....	KQG	300, 450, 600	PG-N	Merchants & Miners Trs. Co.....	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Glymont.....	KEXZ	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Glyndon.....	KEZQ	300, 450, 600	PG-X	Glyndon S. S. Corp.	Do.
Gold Shell.....	WIB	300, 450, 600	PG-X	Gold Shell S. S. Co.	Do.
Golden State.....	KDCM	300, 450, 600, 1800	PG-N	U. S. S. B.....	S. O. R. S.
Gold Star.....	KDBD	300, 450, 600, 1800	PG-X	.....do.....	
Gold Star.....	KDPZ	.....do.....	PG-X	U. S. B. B.....	I. W. T. Co.
Gonzalis.....	KOBQ	300, 600	PG-X	.....do.....	Do.
Goodspeed.....	WKEO	300, 600	PG-X	.....do.....	I. W. T. Co.
Goree.....	WLII	300, 600	PG-X	.....do.....	Do.
Gorgona.....	KDNZ	.....do.....	PG-N	Peninslr & Occidental S.S.Co.	R. C. of A.
Governor Cobb.....	KRB	300, 600	PG-N	Eastern S. S. Lines.	Do.
Governor Dingley.....	KRV	300, 450, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Governor John Lind.....	WREU	300, 450, 600	PG-X	Grand Trunk Car Ferry Line.	R. C. of A.
Grand Haven.....	KEXR	300, 600	PG-X	U. S. S. B.....	Do.
Granite State.....	KDOZ	300, 450, 600	PG-N	Gratia Navigation Co.....	Do.
Gratia.....	KIGP	300, 450, 600	PG-X	U. S. S. B.....	Do.
Great Falls.....	KUFK	300, 600	PG-X	Merchants & Miners Trs. Co.	I. W. T. Co.
Grecian.....	KQR	300, 450, 600	PG-N	U. S. S. B.....	S. O. R. S.
Greenland.....	KUPG	300, 600	PG-X	Greenwood S. S. Co.....	I. W. T. Co.
Greenwood.....	WLL	300, 600	PG-X	James Griffiths & Sons.....	S. O. R. S.
Griffee.....	KDFN	300, 425, 600	PG-X	Universal S. S. Co.....	Owner of vessel.
Griffdu.....	KDIL	300, 425, 600	PG-X	N. Y. & Cuba Mail S. S. Co.	I. W. T. Co.
Guantanamo.....	KWN	300, 450, 600	PG-N	Central & South Am. Tel. Co.	Owner of vessel.
Guardian.....	WGZ	300, 600	PG-X	T. A. Scott Co.....	I. W. T. Co.
Guardsman.....	KIVX	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Guaro.....	WJV	300, 600	PG-X	.....do.....	S. O. R. S.
Guimba.....	WJIE	300, 600	PG-N	Gulf Refining Co.....	I. W. T. Co.
Gulfcoast.....	KUE	300, 600	PG-X	.....do.....	Do.
Gulftiking.....	KDNO	300, 600	PG-X	.....do.....	Do.
Gulfland.....	KUD	300, 600	PG-X	.....do.....	Do.
Gulfflight.....	KUA	300, 600	PG-X	.....do.....	Do.
Gulfmaid.....	KUB	300, 450, 600	PG-X	.....do.....	Do.
Gulf of Mexico.....	KUC	300, 450, 600	PG-X	.....do.....	Do.
Gulffoil.....	KTG	300, 600	PG-X	.....do.....	Do.
Gulfport.....	KREE	300, 600	PG-X	Freep't-Tmp. Fl' Oil Tr. Corp.	R. C. of A.
Gulf Prince.....	KDRB	300, 600	PG-X	Gulf Refining Co.....	I. W. T. Co.
Gulf Queen.....	KVS	300, 600	PG-X	.....do.....	Do.
Gulfstar.....	KDEB	300, 600	PG-X	.....do.....	Do.
Gulfstream.....	KTB	300, 600	PG-X	.....do.....	Do.
Gulftrade.....	KOVB	300, 600	PG-X	.....do.....	Do.
Gunston Hall.....	KICV	300, 600	PG-N	U. S. S. B.....	Do.
Haddon.....	KTRN	300, 600	PG-X	.....do.....	Do.
Hadnot.....	KOGP	300, 600	PG-X	.....do.....	S. O. R. S.
Hagan.....	KOQC	300, 600	PG-X	.....do.....	
Hagood.....	KOQD	300, 600	PG-X	.....do.....	
Hahatonka.....	KUPF	300, 600	PG-X	.....do.....	
Hahira.....	KUZC	300, 600	PG-X	.....do.....	
Halcyon.....	KZL	300, 450, 600	P-X	Dutee W. Flint.....	
Haleakala.....	KORL	300, 600	PG-X	U. S. S. B.....	
Half Moon.....	KUVX	300, 600	PG-N	.....do.....	
Halo.....	KDCP	300, 600	PG-X	.....do.....	
Halsey.....	KDDR	300, 600	PG-X	.....do.....	
Halway.....	KDFQ	300, 600	PG-X	.....do.....	
Hambro.....	KDSH	300, 600	PG-X	.....do.....	
Hammac.....	KDTJ	300, 600	PG-X	.....do.....	
Hampden.....	WXU1	300, 600	PG-X	Coastwise Transportation Co.	R. C. of A.
Hampton Roads.....	KESR	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Hancock County.....	KORT	300, 600	PG-X	.....do.....	
Hanley.....	KDIF	300, 600, 1800	PG-X	.....do.....	
Hannawa.....	KDFR	300, 600	PG-X	.....do.....	
Hanover.....	KOJK	300, 600	PG-X	.....do.....	
Harold Walker.....	WIX	300, 450, 600	PG-X	Pan-Amer. Petrim. & Tr. Co.	I. W. T. Co.
Harry Farnum.....	KQA	300, 450, 600	PG-X	Sinclair Gulf Corp.....	R. C. of A.
Harry Luckenbach.....	KIGS	300, 600	PG-N	Luckenbach S. S. Co.....	Do.
Harry W. Croft.....	WQF	300, 600	PG-X	Harvey H. Brown & Co.....	S. O. R. S.
Hartford.....	KOSX	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Hartwood.....	KEVR	300, 600	PG-X	Hart-Wood Lumber Co.....	Owner of vessel.
Harvard.....	WRH	300, 600	PG-N	.....do.....	
Harvester.....	KDHC	300, 600	PG-X	Texas S. S. Co.....	I. W. T. Co.
Harvey H. Brown.....	WQE	300, 600	PG-X	Castner, Curran & Bullitt.....	R. C. of A.
Haslehurst.....	KOXB	300, 450, 600	PG-X	U. S. S. B.....	Do.
Hastings.....	KDDL	300, 600	PG-X	.....do.....	I. W. T. Co.
Hastnal.....	KUVP	300, 600	PG-X	National Oil Transport Co.....	C. & W.
Hatchie.....	KIVJ	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Hathaway.....	KODK	300, 600	PG-X	.....do.....	R. C. of A.
Hatteras.....	WNV	300, 450, 600	PG-X	.....do.....	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Hattie Luckenbach	WNF	300, 600	PG-X	Luckenbach S. S. Co.	S. O. R. S.
Havilah	KUJK	300, 450, 600	PG-X	U. S. S. B.	Owner of vessel.
Hawaiian	WKU	300, 600	PG-X	American-Hawaiian S. S. Co.	
Hawarden	KUPX	300, 450, 600	PG-X	U. S. S. B.	
Hawkeye State	KDΝV	300, 450, 600, 1800	PG-N	do	S. O. R. S.
Haxtum	KUTB	300, 450, 600	PG-X	do	R. C. of A.
Hayden	KUZP	300, 450, 600	PG-X	do	Do.
Haymon	KDBU	300, 600	PG-X	do	S. O. R. S.
Haynie	KDCR	300, 600	PG-X	do	R. C. of A.
H. C. Folger	KHS	300, 450, 600	PG-X	Atlantic Refining Co.	
Heber	KDDU	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Heffron	WBAI	300, 600	PG-X	do	R. C. of A.
Hegira	KIDF	300, 600	PG-N	do	I. W. T. Co.
Helen	KZH	300, 600	PG-X	Bull-Insular S. S. Co.	Do.
Henry Clay	KESZ	300, 600	PG-X	U. S. S. B.	Do.
Henry County	KOMS	300, 600	PG-X	do	S. O. R. S.
Henry D. Whiton	KDRM	300, 600	PG-X	Union Sulphur Co.	R. C. of A.
Henry J. Biddle	WOW	300, 600	PG-X	Calif. & Hawaiian Sgr. Rfg. Co.	Owner of vessel.
Henry M. Flagler	KOX	300, 600	PG-X	Fla. East Coast Car Ferry Co.	R. C. of A.
Henry R. Mallory	KEF	300, 450, 600	PG-N	Mallory S. S. Co.	I. W. T. Co.
Henry S. Grove	KDLN	300, 600	PG-X	U. S. S. B.	
Henry Steers	KURR	300, 450, 600	PG-X	do	S. O. R. S.
Hera	KDGA	300, 600	PG-X	do	R. C. of A.
Herbert G. Wylie	WIF	300, 450, 600	PG-N	Pan-Amer. Petrlm. & Tr. Co.	Do.
Herbert L. Pratt	KOY	300, 600	PG-X	Atlantic Refining Co.	Do.
Hercules	KOCT	300, 600	PG-X	Moore Shipbuilding Co.	T. R. T. Co.
Heredia	KDH	300, 600	PG-N	United Fruit Co.	Do.
Herman Frasch	KDLW	300, 600	PG-X	Union Sulphur Co.	
Herman Winter	WDAC	300, 600	PG-X	Eastern S. S. Lines.	R. C. of A.
Hermosa	WBP	300, 600	PG-X	Wilmington Trans. Co.	Do.
H. F. Dimock	KEN	300, 450, 600	PG-X	Eastern S. S. Lines.	Do.
H. F. Morse	KOFJ	300, 600	PG-N	United States Transport Co.	S. O. R. S.
H. H. Rogers	KSI	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Hickman	WFOA	300, 450, 600	PG-N	U. S. S. B.	Do.
Hico	KECK	300, 600	PG-X	do	Do.
Higho	KUBV	300, 600	PG-X	do	Do.
Hillsborough County	KIKB	300, 600	PG-X	do	Do.
Hilton	KZK	300, 600	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Hinckley	KURB	300, 450, 600	PG-X	do	S. O. R. S.
Hisko	WQD	300, 600	PG-X	do	
H. M. Flagler	KER	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
H. M. Whitney	WPV	300, 600	PG-X	Whitney Steamship Co.	Do.
Hoboken	KDEQ	300, 440, 525, 600	PG-X	Erie Basin Tow. & Hoist. Co.	S. O. R. S.
Hog Island	KODV	300, 450, 600	PG-X	U. S. S. B.	R. C. of A.
Holbrook	WQII	300, 600	PG-X	do	S. O. R. S.
Holden Evans	KMY	300, 450, 600	PG-X	Holden Evans S. S. Co.	Owner of vessel.
Hollywood	WKH	300, 440, 525, 600	PG-N	Hollywood S. S. Co.	
Hollywood	KDCS	300, 450, 600	PG-N	U. S. S. B.	
Holyoke Bridge	KUCJ	300, 600	PG-X	do	I. W. T. Co.
Homer	KUMG	300, 600	PG-X	D. J. Hanlon.	Owner of vessel.
Homestead	KEKR	300, 600	PG-N	U. S. S. B.	S. O. R. S.
Honnendaga	KUXZ	300, 600	PG-N	do	I. W. T. Co.
Honolulu	WMZ	300, 600	PG-X	do	Moore & McCormack.
Hoosac	WQAU	300, 600	PG-X	do	
Hopatcong	KDKC	300, 600	PG-N	do	S. O. R. S.
Horace X. Baxter	WOF	300, 600	PG-X	Horace X. Baxter S. S. Co.	I. W. T. Co.
Houma	WTUO	300, 600	PG-X	do	R. C. of A.
Houston	KDCO	300, 450, 600	PG-X	do	I. W. T. Co.
Hoven	KEXV	300, 600	PG-N	do	
Howard	KQH	300, 450, 600	PG-N	Merch. & Min's. Trans. Co.	Do.
Howick Hall	KLT	300, 600	PG-X	U. S. Steel Products Co.	R. C. of A.
Hoxbar	KIJQ	300, 600	PG-N	U. S. S. B.	S. O. R. S.
Hoxie	KEMK	300, 600	PG-X	do	Do.
Hudson	KDCI	300, 600	PG-N	do	Do.
Hudsonian	KUCL	300, 450, 600	PG-X	do	I. W. T. Co.
Hugoton	KIQR	300, 600	PG-X	do	
Huguenot	KIVQ	300, 600	PG-X	do	R. C. of A.
Hukley	KIFC	300, 600	PG-X	do	I. W. T. Co.
Hulaco	KODQ	300, 600	PG-X	U. S. S. B.	R. C. of A.
Hulver	KIGD	300, 600	PG-X	do	I. W. T. Co.
Humaconnna	KIGC	300, 600	PG-X	do	S. O. R. S.
Humboldt	WHX	300, 600	PG-N	James Jerome.	R. C. of A.
Humrick	KIFN	300, 450, 600	PG-X	U. S. S. B.	Do.
Huron	KUSD	300, 450, 600	PG-N	do	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Huron.....	KVH	300, 450, 600	PG—N	Clyde S. S. Co.	I. W. T. Co.
Huron.....	WCH	300, 600	PG—X	Wyandotte Trans. Co.	R.C. of A.
Hutchinson.....	KUJP	300, 450, 600	PG—X	U. S. S. B.	Do.
Hyades.....	WMK	300, 450, 600	PG—X	Matson Navigation Co.	Do.
Hyannis.....	KINC	300, 600	PG—X	U. S. S. B.	I. W. T. Co.
Hyperb....	KDCA	300, 600	PG—X	do.	S. O. R. S.
Ice King.....	KJUA	300, 600	PG—N	Texas Co.	R. C. of A.
Iceland.....	KOKK	300, 600	PG—X	do.	S. O. R. S.
Iconium.....	WQUO	300, 600	PG—X	do.	Do.
I. C. White.....	KDDB	300, 600	PG—X	Pan-Amer. Petro. & Trans. Co.	R. C. of A.
Ida.....	WLW	300, 450, 600	PG—X	U. S. S. B.	Do.
I. D. Fletcher.....	KFI	300, 600	PG—X	Coast Transit Co.	Do.
I. J. Merritt.....	KOVZ	300, 600	PG—X	Merritt & Chapman Derrick & Wrecking Co.	Owner of vessel.
Illinois.....	KDSZ	300, 600	PG—X	Texas Co.	
Illinois.....	WCZ	300, 600	PG—X	Northern Mich. Trans. Co.	R. C. of A.
Imlay.....	KIZV	300, 600	PG—X	U. S. S. B.	I. W. T. Co.
Independence.....	WJIO	300, 600	PG—N	do.	S. O. R. S.
Independence Hall.....	KDCG	300, 600	PG—X	do.	R. C. of A.
Independent.....	WPI	300, 600	PG—X	Nat. Ind. Fisheries Co.	S. O. R. S.
Independent Bridge.....	KOGB	300, 600	PG—X	U. S. S. B.	
India Arrow.....	KDHQ	300, 600	PG—X	Standard Transportation Co.	R. C. of A.
Indiana.....	WFC	300, 600	PG—X	Goodrich Transit Co.	Do.
Indiana Bridge.....	KOND	300, 600	PG—X	U. S. S. B.	Do.
Indiana Harbor.....	KUBS	300, 600	PG—X	do.	I. W. T. Co.
Indianapolis.....	WROE	300, 600	PG—N	do.	Do.
Ingold.....	WLUU	300, 600	PG—X	do.	Do.
Innomo.....	KITJ	300, 450, 600	PG—N	do.	R. C. of A.
Inspector.....	KOKR	300, 600	PG—X	do.	I. W. T. Co.
Intan.....	KIGK	300, 600	PG—N	do.	R. C. of A.
Intrepid.....	KDHI	300, 600	PG—X	W. S. Kilmer.	Do.
Invincible.....	WCII	300, 450, 600	PG—X	U. S. S. B.	Do.
Iowan.....	WKJ	300, 600	PG—X	American-Hawaiian S. S. Co.	Owner of vessel.
Ipswich.....	KILV	300, 600	PG—X	Shawmut S. S. Co.	Do.
Iris.....	WOJ	300, 450, 600	PG—X	Pacific Transport Co.	R. C. of A.
Iroquois.....	KUTQ	300, 600	PG—X	Chicago & S. H. S. S. Co.	Do.
Iroquois.....	KVF	300, 450, 600	PG—N	Clyde S. S. Co.	I. W. T. Co.
Irvington.....	KOGQ	300, 600	PG—N	U. S. S. B.	R. C. of A.
Isaac L. Rice.....	WKK	300, 600	PG—X	Electric Boat Co.	
Isanti.....	WVEU	300, 600	PG—X	U. S. S. B.	I. W. T. Co.
Isonomia.....	KEL	300, 600	PG—N	do.	Do.
Italia.....	KUPB	300, 450, 600	PG—X	Submarine Boat Corp.	Transmarine Corp.
Itompa.....	KENR	300, 450, 600	PG—X	do.	
J. A. Bostwick.....	KJN	300, 450, 600	PG—X	Standard Oil Co. of N. J.	R. C. of A.
Jackson.....	KIKC	300, 600	PG—X	U. S. S. B.	S. O. R. S.
Jacksonville.....	KOJG	300, 600	PG—X	do.	Do.
Jacoma.....	WQUU	300, 600	PG—X	do.	Do.
Jacoox.....	KEML	300, 600	PG—X	do.	I. W. T. Co.
Jadden.....	KORM	300, 600	PG—X	do.	S. O. R. S.
Jalapa.....	KDCW	300, 600	PG—X	do.	Do.
James McGee.....	KTP	300, 450, 600	PG—X	Standard Oil Co. of N. J.	R. C. of A..
James Otis.....	KDCD	300, 600, 1800	PG—X	U. S. S. B.	S. O. R. S.
James S. Whitney.....	WPW	300, 600	PG—X	Acme S. S. Corp.	
Jamestown.....	KOC	300, 450, 600	PG—N	Old Dominion S. S. Co.	Owner of vessel.
J. A. Moffett.....	WRE	300, 600, 1800	PG—X	Standard Oil Co. of Calif.	R. C. of A.
Janelaw.....	KDFS	300, 600	PG—X	U. S. S. B.	
Japan Arrow.....	KDHO	300, 600	PG—N	Standard Transportation Co.	Do.
Java Arrow.....	KDHQ	300, 600	PG—X	do.	Do.
J. B. Stetson.....	WVUE	300, 600	PG—X	Pacific Mercantile Marine Co.	
J. C. Donnell.....	WJM	300, 600	PG—X	Atlantic Refining Co.	Do.
Jean.....	KZJ	300, 600	PG—X	A. H. Bull S. S. Co.	I. W. T. Co.
Jeanette Skinner.....	WQW	300, 440, 525, 600	PG—X	U. S. S. B.	Do.
Jeff Davis.....	KDQF	300, 600	PG—X	do.	S. O. R. S.
Jefferson.....	KOD	300, 600	PG—X	Old Dominion Trans. Co.	Owner of vessel.
Jefferson.....	WAJ	300, 550, 600	PG—N	Alaska S. S. Co.	S. O. R. S.
Jefferson County.....	KIKF	300, 600	PG—X	U. S. S. B.	I. W. T. Co.
Jekyl.....	KEBS	300, 600	PG—X	do.	Do.
Jennie R. Morse.....	KUNN	300, 600	PG—X	do.	S. O. R. S.
J. E. O'Neil.....	KSB	300, 600	PG—X	Atlantic Refining Co.	R. C. of A.
Jeptha.....	KDFU	300, 600	PG—X	U. S. S. B.	S. O. R. S.
J. Fletcher Farrell.....	KDHR	300, 600	PG—X	Sinclair Nav. Co.	R. C. of A.
J. F. Penrose.....	KUQN	300, 450, 600	PG—X	National Oil Transport Co.	C. & W.
Jim Std.....	KUZD	300, 600	PG—X	Gulf Barge & Towing Co.	S. O. R. S.
J. L. Luckenbach.....	KGT	300, 600	PG—X	Luckenbach S. S. Co.	R. C. of A.
J. L. Reiss.....	KURJ	300, 600	PG—X	Minnesota Transit Co.	Do.
J. M. Danziger.....	WIW	300, 450, 600	PG—X	Pan-Amer. Petro. & Trans. Co.	I. W. T. Co.
J. M. Guffey.....	KTF	300, 600	PG—X	Gulf Refining Co.	Coos Bay Lumber Co.
Johanna Smith.....	WHZ	300, 600	PG—X	do.	Owner of vessel.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
John Adams.....	KOSS	300, 600	PG-X	U. S. S. B.....	R. C. of A.
John D. Rockefeller	KTO	300, 600	PG-X	Standard Oil Co. of N. J.....	Do.
John Ena.....	KIRS	300, 600	PG-X	Robert Dollar Co.....	
John Englis I.....	KDDJ	300, 450, 600, 1800	PG-X	U. S. S. B.....	
John F. Hylan.....	KUSM	300, 600	.....	City of N. Y., Police Depart.....	Owner of vessel.
John Jay.....	KUXR	300, 600	PG-X	U. S. S. B.....	
John M. Connelly.....	KJEI	300, 600	PG-X	U. S. S. B.....	
John P. Reiss.....	KUTM	300, 600	PG-X	North American S. S. Co.....	R. C. of A.
John R. Gibbons.....	KURL	300, 600	PG-X	American Bauxite Co.....	Do.
John Roach.....	KOSN	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Johnson City.....	KIKD	300, 600	PG-X	.....do.....	S. O. R. S.
John Stevens.....	KDGM	300, 600, 1800	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
John W. Worthington.....	KDNM	300, 450, 600	PG-X	Chas. R. McCormick & Co.....	Owner of vessel.
John W. Wells.....	KOCR	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Jolee.....	KUVT	300, 600	PG-X	.....do.....	Do.
Jomar.....	KUGT	300, 600	PG-X	.....do.....	Do.
Jonancy.....	KSEU	300, 450, 600	PG-X	Pocahontas Fuel Co.....	Do.
Joseph M. Cudahy.....	KDMT	300, 600	PG-X	Sinclair Navigation Co.....	Do.
Joseph R. Parrott.....	KJP	300, 450, 600	PG-X	Florida East Coast Car Ferry Co.....	Do.
Joseph Seep.....	KDJV	300, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Josiah Macy.....	KEX	300, 450, 600	PG-X	.....do.....	Do.
J. R. Gordon.....	KOML	300, 600	PG-X	Union Sulphur Co.....	S. O. R. S.
Julia Luckenbach.....	KGZ	300, 450, 525, 600	PG-X	Luckenbach S. S. Co.....	Do.
Juneau.....	WAM	300, 600	PG-X	Alaska S. S. Co.....	Do.
Juniata.....	KQJ	300, 450, 600	PG-N	Merchants & Miners Trans- portation Co.....	I. W. T. Co.
Juniata.....	WCB	300, 450, 600	PG-N	Great Lakes Transit Corp.....	R. C. of A.
Juvigny.....	KUQX	300, 600	PG-X	Independent S. S. Co.....	Owner of vessel.
J. W. VanDyke.....	KHR	300, 450, 600	PG-X	Atlantic Refining Co.....	R. C. of A.
Kaleen.....	KOKV	300, 600	PG-X	U. S. S. B.....	
Kamesit.....	KEDG	300, 600	PG-X	.....do.....	S. O. R. S.
Kanak.....	KOT	300, 400, 600	PG & PR-X	Alaska Packers Association.....	Owner of vessel.
Kanawha.....	KYA	300, 600	PG-X	Black Star Line.....	Do.
Katherine.....	KIZK	300, 450, 600	PG-X	Philippine Vegetable Oil Co.....	R. C. of A.
Katrina Lucken- bach.....	KWU	300, 600	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Kaweah.....	KOKL	300, 600	PG-X	U. S. S. B.....	
Kayseeka.....	KOQZ	300, 600	PG-X	.....do.....	I. W. T. Co.
Kearny.....	KOPR	300, 600	PG-N	.....do.....	S. O. R. S.
Kehuku.....	KUPV	300, 450, 600	PG-X	.....do.....	
Keketicut.....	KZEA	300, 600	PG-X	.....do.....	I. W. T. Co.
Kekoskee.....	KDGY	300, 600	PG-X	.....do.....	Do.
Kennecott.....	KDPP	300, 450, 550, 600	PG-X	Alaska S. S. Co.....	Owner of vessel.
Kenowis.....	KOSV	300, 600	PG-X	.....do.....	R. C. of A.
Kentuckian.....	WKE	300, 600	PG-X	American-Hawaiian S. S. Co.....	Owner of vessel.
Koeta.....	WXAU	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Kressaspia.....	KQJ	300, 600	PG-X	American Ship & Com. Nav. C.	R. C. of A.
Kerhonksan.....	KUJF	300, 600	PG-X	U. S. S. B.....	Do.
Kermanshah.....	KLX	300, 450, 600	PG-X	Kerr Navigation Corp.....	Do.
Kermitt.....	WMV	300, 600	PG-N	U. S. S. B.....	Do.
Kermoor.....	WJB	300, 600	PG-X	Kerr Navigation Corp.....	Do.
Kershaw.....	KQK	300, 450, 600	PG-N	Merchants & Miners Trans. Co.	I. W. T. Co.
Keshena.....	KITR	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Ketchikan.....	WAE	300, 600	PG-X	Alaska S. S. Co.....	Do.
Kewanee.....	KIVC	300, 600	PG-X	U. S. S. B.....	Do.
Keystone State.....	KDSL	300, 600	PG-N	.....do.....	Do.
Kilkenny.....	KKI	300, 450, 600	PG-X	Dept. of Com., Bu. of Nav.	Owner of vessel.
K. I. Luckenbach.....	KHY	300, 600	PG-N	Luckenbach S. S. Corp.....	S. O. R. S.
Kingfisher.....	KDNJ	300, 600	PG-X	Andrew Hudson.....	I. W. T. Co.
Kiokee.....	KITS	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Kiowa.....	KDJP	300, 600	PG-X	Independent S. S. Co.....	
Kiowa.....	KRL	300, 600	PG-X	Clyde S. S. Co.....	Do.
Kiron.....	KITT	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Kishacoquillas.....	KIFJ	300, 600	PG-X	.....do.....	R. C. of A.
Kismop.....	KIJK	300, 600	PG-X	.....do.....	S. O. R. S.
Kitchi.....	KITV	300, 450, 600	PG-X	.....do.....	Do.
Kittegaun.....	KITG	300, 600	PG-X	.....do.....	Do.
Knoxville.....	KIJN	300, 600	PG-X	.....do.....	R. C. of A.
Kolda.....	KOKX	300, 600	PG-X	.....do.....	Do.
Kootenai.....	KOGF	300, 450, 600	PG-X	.....do.....	Do.
Kosciuszko.....	KZUE	300, 600	PG-X	.....do.....	Do.
K. R. Kingsbury.....	KDRE	300, 600	PG-X	Standard Oil Co. of Calif.	Do.
Kroonland.....	KSH	300, 600	PG-N	International Mer. Marine Co.	I. W. T. Co.
Kuwa.....	WCCE	300, 400, 600	PG-X	U. S. S. B.....	

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Kvichak.....	WNS.....	300, 400, 600	PG & PR-X	Alaska Packers Association.....	Owner of vessel.
Labette.....	KIZX	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Laborer.....	KIST	300, 600	PG-X	Northern Transportation Co.....	I. W. T. Co.
La Brea.....	WON	300, 600, 1800	PG-X	Union Oil Co.....	F. T. Co.
Lackawanna Bridge.....	KOGC	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Lackawanna Valley.....	KIXD	300, 450, 600	PG-X	do.....	Do.
La Crosse.....	KONM	300, 450, 600	PG-X	do.....	Do.
Lafcomo.....	KIXK	300, 600	PG-X	do.....	S. O. R. S.
Lake Agomak.....	KZEU	300, 600	PG-X	do.....	Do.
Lake Akkra.....	KVUE	300, 600	PG-X	do.....	I. W. T. Co.
Lake Allen.....	KLEI	300, 600	PG-X	do.....	R. C. of A.
Lake Alvada.....	KXAA	300, 600	PG-X	do.....	Do.
Lake Annette.....	KKOE	300, 450, 600	PG-X	do.....	S. O. R. S.
Lake Arline.....	KZOE	300, 600	PG-X	do.....	I. W. T. Co.
Lake Arthur.....	WFL	300, 600	PG-X	do.....	R. C. of A.
Lake Aurice.....	KZIA	300, 600	PG-X	do.....	Do.
Lake Beacon.....	WTAA	300, 450, 600	PG-X	do.....	Do.
Lake Belinona.....	KZII	300, 600	PG-X	do.....	Do.
Lake Benbow.....	KVAE	300, 600	PG-X	do.....	Do.
Lake Benton.....	KSIU	300, 600	PG-X	do.....	I. W. T. Co.
Lake Berdan.....	KZEE	300, 600	PG-X	do.....	R. C. of A.
Lake Blanchester.....	KTIU	300, 600	PG-X	do.....	S. O. R. S.
Lake Bledsoe.....	KTUE	300, 600	PG-X	do.....	I. W. T. Co.
Lake Bridge.....	KDIS	300, 600	PG-X	do.....	R. C. of A.
Lake Buckeye.....	WSEU	300, 600	PG-X	do.....	Do.
Lake Butler.....	WFN	300, 600	PG-N	do.....	I. W. T. Co.
Lake Cahoon.....	WKEE	300, 600	PG-X	do.....	S. O. R. S.
Lake Calistoga.....	KXIU	300, 600	PG-X	do.....	Do.
Lake Callicoon.....	WNAO	300, 450, 600	PG-X	do.....	Do.
Lake Canaveral.....	KIDS	300, 600	PG-X	do.....	Do.
Lake Candelaria.....	KIJB	300, 600	PG-X	do.....	Do.
Lake Cannonsburg.....	KIMV	300, 600	PG-X	do.....	Do.
Lake Capens.....	KLUA	300, 600	PG-X	do.....	R. C. of A.
Lake Cathcoon.....	WLEO	300, 600	PG-X	do.....	S. O. R. S.
Lake Catherine.....	KSII	300, 600	PG-X	do.....	Do.
Lake Cayuga.....	KLUI	300, 450, 600	PG-X	do.....	R. C. of A.
Lake Charles.....	KHW	300, 600	PG-X	do.....	S. O. R. S.
Lake Charlotte.....	KQEO	300, 600	PG-X	do.....	I. W. T. Co.
Lake Charlottes-ville.....	WNEA	300, 600	PG-X	do.....	Do.
Lake Chelan.....	KQUO	300, 600	PG-X	do.....	S. O. R. S.
Lake Clear.....	KLEO	300, 600	PG-X	do.....	I. W. T. Co.
Lake Como.....	KLIE	300, 600	PG-X	do.....	S. O. R. S.
Lake Conesus.....	KSAO	300, 600	PG-X	do.....	R. T. of A.
Lake Copley.....	WKAU	300, 600	PG-X	do.....	I. W. T. Co.
Lake Crescent.....	WAP	300, 600	PG-X	do.....	R. C. of A.
Lake Crystal.....	KLAO	300, 600	PG-X	do.....	S. O. R. S.
Lake Dancey.....	KZEO	300, 600	PG-X	do.....	I. W. T. Co.
Lake Derga.....	KRIA	300, 600	PG-X	do.....	R. C. of A.
Lake Delancey.....	KXAE	300, 450, 600	PG-X	do.....	S. O. R. S.
Lake Desha.....	WTAE	300, 600	PG-X	do.....	Do.
Lake Deval.....	WKEA	300, 600	PG-X	do.....	S. O. R. S.
Lake Duncan.....	KSOO	300, 600	PG-X	do.....	I. W. T. Co.
Lake Dummore.....	KDIY	300, 450, 600	PG-X	do.....	R. C. of A.
Lake Dymer.....	KZEI	300, 600	PG-X	do.....	S. O. R. S.
Lake Eckhart.....	KSOE	300, 600	PG-X	do.....	Do.
Lake Eliko.....	KTAI	300, 600	PG-X	do.....	S. O. R. S.
Lake Elizabeth.....	WOP	300, 600	PG-X	do.....	Do.
Lake Elkwater.....	KEPM	300, 600	PG-X	do.....	I. W. T. Co.
Lake Elkwood.....	KENP	300, 600	PG-X	do.....	S. O. R. S.
Lake Ellendale.....	KEPN	300, 600	PG-X	do.....	Do.
Lake Ellenorah.....	KEPP	300, 600	PG-X	do.....	I. W. T. Co.
Lake Ellersie.....	KEQM	300, 600	PG-X	do.....	S. O. R. S.
Lake Ellicott.....	KEQN	300, 600	PG-X	do.....	Do.
Lake Ellijay.....	KOBL	300, 600	PG-X	do.....	S. O. R. S.
Lake Ellithorpe.....	KOFM	300, 600	PG-X	do.....	I. W. T. Co.
Lake Ellisbury.....	KOFP	300, 450, 600	PG-X	do.....	R. C. of A.
Lake Ellsworth.....	KOCZ	300, 600	PG-X	do.....	S. O. R. S.
Lake Elmdale.....	KOLR	300, 450, 600	PG-X	do.....	R. C. of A.
Lake Elmhurst.....	KOFP	300, 600	PG-X	do.....	S. O. R. S.
Lake Elmont.....	KOQG	300, 600	PG-X	do.....	Do.
Lake Elmsford.....	KOVG	300, 600	PG-X	do.....	Do.
Lake Elmwood.....	KOZT	300, 450, 600	PG-X	do.....	R. C. of A.
Lake Elon.....	KOBZ	300, 300	PG-X	do.....	Do.
Lake Elpueblo.....	KOFV	300, 600	PG-X	do.....	R. C. of A.
Lake Elrio.....	KOKQ	300, 600	PG-X	do.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Lake Elsaah.....	KOSR	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Lake Elsinore.....	KRII	300, 600	PG-X	.....do.....	Do.
Lake Elsmere.....	KONT	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Lake Elva.....	KUBR	300, 450, 600	PG-X	.....do.....	Do.
Lake Elwin.....	KUDM	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Lake Ennis.....	KLUO	300, 600	PG-X	.....do.....	R. C. of A.
Lake Fabius.....	KIPQ	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Fabyan.....	KINJ	300, 600	PG-X	.....do.....	Do.
Lake Fackler.....	KIQP	300, 600	PG-X	.....do.....	Do.
Lake Fagundus.....	KISN	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Fairfax.....	KIRV	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Fairlie.....	KISP	300, 600	PG-X	.....do.....	Do.
Lake Fairport.....	KOGR	300, 600	PG-X	.....do.....	Do.
Lake Falama.....	KITB	300, 600	PG-X	.....do.....	Do.
Lake Falun.....	KOTB	300, 600	PG-X	.....do.....	Do.
Lake Fanbush.....	KEJN	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Fandango.....	KOVL	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Fandon.....	KOVS	300, 600	PG-X	.....do.....	Do.
Lake Fannin.....	KECN	300, 600	PG-X	.....do.....	Do.
Lake Fanquier.....	KEKN	300, 600	PG-X	.....do.....	Do.
Lake Fansdale.....	KEKM	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Farabee.....	KEBP	300, 600	PG-X	.....do.....	R. C. of A.
Lake Farber.....	KIRB	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Faresman.....	KEVZ	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Farge.....	WLEA	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Faribault.....	KEDM	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Faristell.....	WLEE	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Fariston.....	KEDN	300, 600	PG-X	.....do.....	R. C. of A.
Lake Farley.....	KEDP	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Farlin.....	KIGM	300, 600	PG-X	.....do.....	R. C. of A.
Lake Farmingdale.....	KIPZ	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Farragut.....	KIQN	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Farrar.....	KISX	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Faulk.....	KEJP	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Favonia.....	KOJP	300, 600	PG-X	.....do.....	R. C. of A.
Lake Faxon.....	KOLJ	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Fear.....	KIVM	300, 600	PG-X	.....do.....	R. C. of A.
Lake Felden.....	KOLK	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Lake Fem.....	KOTT	300, 600	PG-X	.....do.....	R. C. of A.
Lake Feodora.....	KUBT	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Fernalda.....	KOPB	300, 600	PG-X	.....do.....	Do.
Lake Fernando.....	KELM	300, 600	PG-X	.....do.....	Do.
Lake Fernwood.....	KDEA	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Ferrona.....	KELN	300, 450, 600	PG-X	.....do.....	R. C. of A.
Lake Festina.....	KEQP	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Lake Festus.....	KERM	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Fibre.....	KERN	300, 600	PG-X	.....do.....	Do.
Lake Fielding.....	KERP	300, 600	PG-X	.....do.....	Do.
Lake Fife.....	KFSM	300, 600	PG-X	.....do.....	R. C. of A.
Lake Figart.....	KESN	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Fighting.....	KESP	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Filbert.....	KONV	300, 450, 600	PG-X	.....do.....	R. C. of A.
Lake Fillion.....	KOPV	300, 600	PG-X	.....do.....	Do.
Lake Fillmore.....	KUCZ	300, 600	PG-X	.....do.....	R. C. of A.
Lake Ficus.....	KOCG	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Fisher.....	KODD	300, 600	PG-X	.....do.....	Do.
Lake Fitch.....	KOJQ	300, 600	PG-X	.....do.....	Do.
Lake Fithian.....	KOKZ	300, 600	PG-X	.....do.....	R. C. of A.
Lake Flag.....	KUMX	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Lake Flagon.....	KIXT	300, 600	PG-X	.....do.....	Do.
Lake Flagstaff.....	KIZM	300, 600	PG-X	.....do.....	R. C. of A.
Lake Flambeau.....	KIZN	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Flanders.....	KOGT	300, 600	PG-X	.....do.....	R. C. of A.
Lake Flatonia.....	KOGS	300, 600	PG-X	.....do.....	Do.
Lake Flattery.....	KOMC	300, 600	PG-X	.....do.....	R. C. of A.
Lake Floravista.....	KUFV	300, 450, 600	PG-X	.....do.....	Do.
Lake Florian.....	KUFD	300, 450, 600	PG-X	.....do.....	Do.
Lake Floris.....	KUFF	300, 450, 600	PG-X	.....do.....	Do.
Lake Flournoy.....	KUFG	300, 450, 600	PG-X	.....do.....	Do.
Lake Flovilla.....	KESK	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Flume.....	KMUU	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Flushing.....	KEBV	300, 600	PG-X	.....do.....	R. C. of A.
Lake Fluvana.....	WLAU	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Flynnus.....	KECV	300, 600	PG-X	.....do.....	R. C. of A.
Lake Folcroft.....	KEXL	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Fonda.....	KEZC	300, 600	PG-X	.....do.....	R. C. of A.
Lake Fondulac.....	WSEE	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Fontana.....	KEZD	300, 600	PG-X	.....do.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Lake Fontanet.....	KEZF	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Lake Forkville.....	WLEI	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Forney.....	WBUU	300, 600	PG-X	.....do.....	R. C. of A.
Lake Forsby.....	WCUA	300, 600	PG-X	.....do.....	Do.
Lake Fossil.....	WCUE	300, 600	PG-X	.....do.....	Do.
Lake Fostoria.....	WPIO	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Fouche.....	WPIU	300, 600	PG-X	.....do.....	
Lake Foxboro.....	KESB	300, 600	PG-X	.....do.....	
Lake Foxcraft.....	KEGL	300, 600	PG-X	.....do.....	
Lake Fraichur.....	KEJG	300, 600	PG-X	.....do.....	
Lake Fraley.....	KEJJ	300, 600	PG-X	.....do.....	R. C. of A.
Lake Frances.....	KTAO	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Franconia.....	WCUO	300, 600	PG-X	.....do.....	R. C. of A.
Lake Fray.....	WCUU	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Fraze.....	WDUA	300, 600	PG-X	.....do.....	R. C. of A.
Lake Freeborn.....	WDUI	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Freed.....	WDUO	300, 600	PG-X	.....do.....	
Lake Freedland.....	WDUU	300, 600	PG-X	.....do.....	
Lake Freezeout.....	WFUA	300, 600	PG-X	.....do.....	
Lake Frenchton.....	WFUE	300, 600	PG-X	.....do.....	
Lake Fresco.....	WNAU	300, 450, 600	PG-X	.....do.....	
Lake Friar.....	KEFN	300, 600	PG-X	.....do.....	
Lake Frio.....	KEFP	300, 600	PG-X	.....do.....	
Lake Frohma.....	KEGR	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Lake Frolono.....	KEGN	300, 600	PG-X	.....do.....	R. C. of A.
Lake Frugality.....	KEGP	300, 600	PG-X	.....do.....	Do.
Lake Frumet.....	KIRJ	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Fugard.....	WLEU	300, 450, 600	PG-X	.....do.....	
Lake Furley.....	WMAA	300, 600	PG-X	.....do.....	
Lake Furlough.....	KEKP	300, 600	PG-X	.....do.....	R. C. of A.
Lake Furnas.....	KUTV	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Gadsden.....	KITP	300, 600	PG-X	.....do.....	R. C. of A.
Lake Gaither.....	KOJZ	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Gakona.....	KVOU	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Galata.....	KOJJ	300, 600	PG-X	.....do.....	R. C. of A.
Lake Galera.....	KXAI	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Galewood.....	KOJX	300, 600	PG-X	.....do.....	Do.
Lake Galien.....	KOJT	300, 450, 600	PG-X	.....do.....	Do.
Lake Galisteo.....	KUGL	300, 450, 600	PG-X	.....do.....	Do.
Lake Ganado.....	KUMB	300, 600	PG-X	.....do.....	
Lake Gano.....	KDGR	300, 600	PG-X	.....do.....	R. C. of A.
Lake Gardner.....	KXEO	300, 600	PG-X	.....do.....	Do.
Lake Garza.....	KVOE	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Gaspar.....	KVOI	300, 450, 600	PG-X	.....do.....	R. C. of A.
Lake Gatun.....	KDKP	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Gazette.....	KIPN	300, 600	PG-X	.....do.....	R. C. of A.
Lake Gebhart.....	KOGV	300, 450, 600	PG-X	.....do.....	
Lake Gedney.....	KVUU	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Lake Geneva.....	KXUA	300, 600	PG-X	.....do.....	R. C. of A.
Lake George.....	KDIZ	300, 600	PG-X	.....do.....	
Lake Gera.....	KOKS	300, 600	PG-X	.....do.....	
Lake Gert.....	KOMB	300, 600	PG-X	.....do.....	
Lake Getaway.....	KOLZ	300, 450, 600	PG-X	.....do.....	
Lake Geyser.....	KULD	300, 600	PG-X	.....do.....	
Lake Giddings.....	KUCR	300, 600	PG-X	.....do.....	
Lake Gilboa.....	KEZJ	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Gilpen.....	KEZK	300, 600	PG-X	.....do.....	R. C. of A.
Lake Gilta.....	KEZL	300, 600	PG-X	.....do.....	Do.
Lake Giltedge.....	KEBM	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Girardeau.....	KOCS	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Girth.....	KEBN	300, 600	PG-X	.....do.....	
Lake Gitano.....	KECM	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Glasco.....	KINK	300, 600	PG-X	.....do.....	Do.
Lake Glaeucus.....	KUMV	300, 600	PG-X	.....do.....	R. C. of A.
Lake Glebe.....	KIBB	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Glencoe.....	KIGB	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Gorfin.....	WRIE	300, 600	PG-X	.....do.....	Do.
Lake Gormania.....	WVIA	300, 600	PG-X	.....do.....	Do.
Lake Govan.....	WVIU	300, 600	PG-X	.....do.....	Do.
Lake Gradan.....	WSUU	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Grainger.....	KEJK	300, 600	PG-X	.....do.....	R. C. of A.
Lake Gramma.....	KEJL	300, 450, 600	PG-X	.....do.....	Do.
Lake Grampian.....	KEKG	300, 600	PG-X	.....do.....	Do.
Lake Grampus.....	KEKJ	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Granby.....	KIDB	300, 600	PG-X	.....do.....	
Lake Grandon.....	WLAI	300, 600	PG-X	.....do.....	
Lake Graphite.....	WZOA	300, 600	PG-X	.....do.....	
Lake Gratis.....	WZOE	300, 600	PG-X	.....do.....	R. C. of A.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Lake Grattan.....	WZOI	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Lake Gravella.....	WZOO	300, 600	PG-X	.....do.	S. O. R. S.
Lake Gravett.....	WZOU	300, 600	PG-X	.....do.	R. C. of A.
Lake Gravity.....	WBUA	300, 600	PG-X	.....do.	Do.
Lake Greenbrier.....	WBUE	300, 600	PG-X	.....do.	S. O. R. S.
Lake Gretna.....	WBUI	300, 600	PG-X	.....do.	R. C. of A.
Lake Grogan.....	WBUE	300, 600	PG-X	.....do.	Do.
Lake Gunn.....	KUNC	300, 600	PG-X	.....do.	Do.
Lake Hareestl.....	KUGN	300, 450, 600	PG-X	.....do.	S. O. R. S.
Lake Harminia.....	KUNB	300, 600	PG-X	.....do.	
Lake Harney.....	KGOE	300, 600	PG-X	International Coal Trans. Corp.	I. W. T. Co.
Lake Harris.....	KXAU	300, 600	PG-X	U. S. S. B.	R. C. of A.
Lake Hector.....	KUMZ	300, 450, 600	PG-X	.....do.	I. W. T. Co.
Lake Helen.....	KZOL	300, 600	PG-X	.....do.	R. C. of A.
Lake Hemlock.....	KLOE	300, 600	PG-X	.....do.	S. O. R. S.
Lake Hewes.....	KVUU	300, 600	PG-X	.....do.	Do.
Lake Hurst.....	KLOI	300, 600	PG-X	.....do.	R. C. of A.
Lake Ikatan.....	KUCM	300, 450, 600	PG-X	.....do.	S. O. R. S.
Lake Inaha.....	KEFM	300, 600	PG-X	.....do.	I. W. T. Co.
Lake Indian.....	KZOO	300, 600	PG-X	.....do.	R. C. of A.
Lake Inglenook.....	KOBT	300, 600	PG-X	.....do.	S. O. R. S.
Lake Janet.....	KFD	300, 600	PG-X	.....do.	I. W. T. Co.
Lake Jessup.....	KHVV	300, 600	PG-X	International Coal Trans. Corp.	S. O. R. S.
Lake Kyttle.....	WCOU	300, 600	PG-X	U. S. S. B.	Do.
Lakeland.....	WDL	300, 600	PG-X	Tri-State S. S. Co.	R. C. of A.
Lake Larga.....	KMUE	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Lake Lasang.....	KMUA	300, 600	PG-X	.....do.	
Lake Ledan.....	KTUA	300, 600	PG-X	.....do.	I. W. T. Co.
Lake Lemando.....	WCIO	300, 600	PG-X	.....do.	R. C. of A.
Lake Lesa.....	KXOU	300, 600	PG-X	.....do.	S. O. R. S.
Lake Licoco.....	WTAO	300, 600	PG-X	.....do.	Do.
Lake Lida.....	KLOO	300, 600	PG-X	.....do.	R. C. of A.
Lake Lilicusun.....	KZIO	300, 600	PG-X	.....do.	Do.
Lake Lillian.....	KXUI	300, 600	PG-X	International Coal Trans. Corp.	I. W. T. Co.
Lake Linden.....	KZAE	300, 600	PG-X	U. S. S. B.	R. C. of A.
Lake Louise.....	KZUU	300, 600	PG-X	.....do.	Do.
Lake Marion.....	KXEE	300, 600	PG-X	.....do.	Do.
Lake Markham.....	KTOU	300, 600	PG-X	.....do.	R. C. of A.
Lake Mary.....	KREO	300, 600	PG-X	.....do.	Do.
Lake Mattato.....	WTAI	300, 600	PG-X	.....do.	I. W. T. Co.
Lake Maurepas.....	KLEA	300, 600	PG-X	.....do.	R. C. of A.
Lake Medford.....	KZOA	300, 450, 600	PG-X	.....do.	Do.
Lake Miraflores.....	KDNR	300, 600	PG-X	.....do.	I. W. T. Co.
Lake Narka.....	KTOA	300, 600	PG-X	.....do.	R. C. of A.
Lake Ogden.....	KHUU	300, 600	PG-X	.....do.	I. W. T. Co.
Lake Onawa.....	KOJM	300, 600	PG-X	.....do.	Do.
Lake Ontario.....	KDIR	300, 600	PG-X	.....do.	R. C. of A.
Lake Orange.....	KZOU	300, 600	PG-X	.....do.	Do.
Lake Ormoc.....	KVUA	300, 600	PG-X	.....do.	R. C. of A.
Lake Osweya.....	KVAA	300, 450, 600	PG-X	.....do.	I. W. T. Co.
Lake Otisco.....	KLIA	300, 600	PG-X	International Coal Trans. Corp.	R. C. of A.
Lake Otsquago.....	KXAO	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Lake Pachuta.....	KTUU	300, 600	PG-X	.....do.	Do.
Lake Pearl.....	KVIO	300, 600	PG-X	.....do.	R. C. of A.
Lake Pepin.....	KTUI	300, 600	PG-X	.....do.	Do.
Lake Pewaukee.....	KLEU	300, 600	PG-X	.....do.	R. C. of A.
Lake Pickaway.....	WKAO	300, 600	PG-X	.....do.	I. W. T. Co.
Lake Pleasant.....	XKEA	300, 600	PG-X	.....do.	S. O. R. S.
Lake Saba.....	KOS	300, 600	PG-X	.....do.	I. W. T. Co.
Lake Sanford.....	XKEI	300, 600	PG-X	.....do.	R. C. of A.
Lake Sapor.....	KEZB	300, 600	PG-X	.....do.	Do.
Lake Savus.....	KOCB	300, 600	PG-X	.....do.	R. C. of A.
Lake Sebago.....	KLUE	300, 600	PG-X	.....do.	I. W. T. Co.
Lake Shawano.....	KLOU	300, 600	PG-X	.....do.	R. C. of A.
Lakeshore.....	KDIV	300, 600	PG-X	.....do.	I. W. T. Co.
Lake Silver.....	KHE	300, 600	PG-X	.....do.	R. C. of A.
Lake Singara.....	KITQ	300, 600	PG-X	.....do.	I. W. T. Co.
Lake Slavi.....	KOTJ	300, 600	PG-X	.....do.	S. O. R. S.
Lake Stirling.....	KDJE	300, 600	PG-X	.....do.	Do.
Lake Strabo.....	KEBR	300, 600	PG-X	.....do.	R. C. of A.
Lake St. Clair.....	WNL	300, 600	PG-X	.....do.	S. O. R. S.
Lake St. Regis.....	KLEE	300, 600	PG-X	.....do.	Do.
Lake Strymon.....	KONS	300, 600	PG-X	.....do.	I. W. T. Co.
Lake Sunapee.....	KLIU	300, 600	PG-X	.....do.	S. O. R. S.
Lake Superior.....	KDT	300, 600	PG-X	.....do.	Do.
Lake Tippah.....	KOVC	300, 600	PG-X	.....do.	I. W. T. Co.
Lake Traverse.....	KDJD	300, 600	PG-X	.....do.	Do.
Lake Treba.....	KOSQ	300, 600	PG-X	.....do.	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Lake Tulare.....	WDX	300, 600	PG-X	International Coal Trans. Corp.	I. W. T. Co.
Lakeview.....	KDIX	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Lakeville.....	KXEU	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Washburn.....	KREI	300, 600	PG-X	.....do.....	S. O. R. S.
Lake Weir.....	KDIW	300, 600	PG-X	.....do.....	R. C. of A.
Lake Wilson.....	KZAO	300, 600	PG-X	.....do.....	Do.
Lake Wimico.....	KSOI	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Lake Winona.....	KLAU	300, 600	PG-X	.....do.....	R. C. of A.
Lake Winooski.....	KZIE	300, 600	PG-X	.....do.....	
Lake Winthrop.....	KZAI	300, 600	PG-X	.....do.....	
Lakewood.....	KDJC	300, 600	PG-X	.....do.....	
Lake Yahara.....	KZAU	300, 450, 600	PG-X	.....do.....	
Lake Yelverton.....	KVOO	300, 600	PG-X	.....do.....	
Lake Yemassee.....	KTOO	300, 600	PG-X	.....do.....	I. W. T. Co.
Lake Ypsilanti.....	WKEI	300, 600	PG-X	.....do.....	Do.
Lake Zaliski.....	WKAI	300, 600	PG-X	.....do.....	Do.
Lancaster.....	KQUE	300, 600	PG-X	Imperial Shipping Corp.....	R. C. of A.
Lampasas.....	KEP	300, 450, 600	PG-N	Mallory S. S. Co.....	I. W. T. Co.
Lansdowne.....	KONP	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Lansing.....	WTC	300, 600, 1, 800	PG-X	Union S. S. Co.....	F. T. Co.
La Placentia.....	KDPX	300, 600	PG-X	Union Oil Co.....	R. C. of A.
Laramie.....	KUBC	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Las Vegas.....	KUQM	300, 450, 600	PG-X	.....do.....	R. C. of A.
Latham.....	KUKR	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Latouche.....	WAI	300, 600	PG-X	Alaska S. S. Co.....	I. W. T. Co.
Laurel.....	WTUE	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Lavada.....	KDFV	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Lebanon.....	KIXL	300, 600	PG-X	.....do.....	R. C. of A.
Lehigh.....	KINM	300, 600	PG-X	.....do.....	I. W. T. Co.
Lenape.....	KVL	300, 450, 600	PG-N	Clyde S. S. Co.....	Owner of vessel.
Levi G. Burgess.....	WOX	300, 600	PG-X	Alaska Portland Packers Assn.	T. R. T. Co.
Levisa.....	KDL	300, 600	PG-X	United Fruit Co.....	Owner of vessel.
Lewis K. Thurlow.....	KXY	300, 450, 600	PG-X	Crowell & Thurlow S. S. Co.....	S. O. R. S.
Lewis Luckenbach.....	WFOE	300, 600	PG-N	Luckenbach S. S. Co.....	I. R. T. Co.
Lexington.....	KNB	300, 550, 600	PG-N	Colonial Navigation Co.....	S. O. R. S.
Libby Maine.....	KDV	300, 450, 535, 600	PG-X	Libby, McNeill & Libby.....	
Liberator.....	KDTA	300, 600	PG-X	Lybeck Ocean Harvester Co.....	
Liberator.....	KRIU	300, 600	PG-N	U. S. S. B.....	Do.
Liberty.....	WCOO	300, 600	PG-N	.....do.....	Do.
Liberty Bell.....	KUJX	300, 600	PG-X	.....do.....	R. C. of A.
Liberty Land.....	KISS	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Liberty Minquas.....	KUBJ	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Libre.....	KDPG	300, 450, 600	PG-X	General Petroleum Co.....	
Lighthburne.....	KIVF	300, 600	PG-X	Texas Co.....	
Ligonier.....	KTD	300, 600	PG-X	Gulf Refining Co.....	
Lilmae.....	KDHU	300, 600	PG-X	U. S. Mexico Oil Corp.....	
Limon.....	KDR	300, 450, 600	PG-X	United Fruit Co.....	T. R. T. Co.
Lio.....	KDSO	300, 600	PG-X	.....do.....	
Lithopolis.....	WQEAE	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Livingstone Roe.....	KDOD	300, 600	PG-X	S. O. Co. of N. J.....	R. C. of A.
L. J. Drake.....	WZAA	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Lockport.....	KIXM	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Loki.....	KDGD	300, 600	PG-X	.....do.....	Do.
Lorain.....	KIFZ	300, 450, 600	PG-X	.....do.....	F. T. Co.
Lordship Manor.....	KIXN	300, 600	PG-X	.....do.....	Owner of vessel.
Loretta.....	KUXF	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Lorraine Cross.....	KDDE	300, 450, 600	PG-X	.....do.....	Do.
Los Angeles.....	WOL	300, 600, 1, 800	PG-X	Union Oil Co.....	F. T. Co.
Louise.....	KUKN	300, 600	PG-X	E. D. Burge.....	Owner of vessel.
Louisiana.....	KUL	300, 450, 600	PG-X	Texas Co.....	I. W. T. Co.
Louisville Bridge.....	KIDP	300, 600	PG-X	U. S. S. B.....	Do.
Luella.....	KLAA	300, 600	PG-X	.....do.....	Do.
Lurline.....	WML	300, 450, 600	PG-N	Matsen Navigation Co.....	R. C. of A.
Luxpalile.....	KIPV	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Luzon.....	KDRU	300, 600	PG-X	Fernandez Hermanos.....	R. C. of A.
Lycoming.....	KOMK	300, 600	PG-X	U. S. S. B.....	Do.
Lydia.....	WROI	300, 600	PG-X	Lydia S. S. Co.....	F. T. Co.
Lyman Stewart.....	WTL	300, 600, 1,800	PG-X	Union Oil Co.....	Owner of vessel.
Lyndonna.....	KULZ	300, 600	PG-X	C. H. K. Curtis.....	R. C. of A.
M. A. Bradley.....	WQH	300, 600	PG-X	Harvey H. Brown & Co.....	Do.
Mac comet.....	KORC	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Maddequet.....	KUGZ	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Magmeric.....	KOJS	300, 600	PG-X	.....do.....	I. W. T. Co.
Magun kook.....	WJUO	300, 600	PG-N	.....do.....	
Mahanna.....	KKP	300, 600	PG-X	.....do.....	

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Maiden Creek.....	KIPX	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Maine.....	KUQ	300, 450, 600	PG-X	.....do.....	Do.
Maitland No. 1.....	WLE	300, 600	PG-X	Toronto, Hamilton & Buffalo Navigation Co.	Do.
Major Wheeler.....	WFII	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Malden.....	KZV	300, 450, 600	PG-X	New England Fuel & Transportation Co.	R. C. of A.
Manatawny.....	KDFM	300, 600	PG-X	U. S. S. B.....	Do.
Manatee.....	KURN	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Manchuria.....	WWE	300, 600	PG-N	Atlantic Transportation Co.	R. C. of A.
Mangore.....	KHP	300, 450, 600	PG-X	Guaranty Trust Co.....	I. W. T. Co.
Manham.....	KORS	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Manitou.....	WFW	300, 600	PG-N	Northern Mich. Transpn. Co.	Do.
Manitowoc.....	KRQ	300, 450, 525, 600	PG-X	American Transatlantic Co.	Owner of vessel.
Manoa.....	KOQ	300, 600	PG-N	American Interlake Co.	Do.
Manoak.....	WMQ	300, 450, 600	PG-N	Matson Navigation Co.	R. C. of A.
Manukai.....	KDSF	300, 600	PG-X	.....do.....	Do.
Manulani.....	KDRQ	300, 600	PG-N	.....do.....	S. O. R. S.
Maquan.....	KOVD	300, 450, 600	PG-X	Atlantic & Caribbean St. N. Co.	R. C. of A.
Maracaibo.....	KDM	300, 450, 600	PG-N	C. K. MacFadden.....	Owner of vessel.
Maracay.....	KDKO	300, 450, 600	PG-X	Red Salmon Canning Co.	Do.
Margaret.....	KUQS	300, 600	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Margaret.....	KZO	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Margins.....	KONG	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Marica.....	KNK	300, 600	PG-X	Bull-Insular S. S. Co.	R. C. of A.
Marina.....	KIVD	300, 450, 600	PG-N	U. S. S. B.....	Do.
Mariners Harbor.....	KKEU	300, 600	PG-X	.....do.....	Do.
Marne.....	KDLV	300, 600	PG-N	.....do.....	Marquette & Bessemer Dock & Navigation Co.
Marquette and Bessemer No. 2.....	WEX	300, 450, 600	PG-X	.....do.....	Owner of vessel.
Marsodak.....	KOCM	300, 600	PG-X	.....do.....	S. O. R. S.
Martha Washington.....	KUQF	300, 600	PG-N	.....do.....	Do.
Maruba.....	WZEE	300, 600	PG-X	Inter-Coast S. S. Co.....	I. W. T. Co.
Mary.....	KTOE	300, 600	PG-X	U. S. S. B.....	Do.
Mary Luckenbach.....	KDLX	300, 600	PG-X	Luckenbach Terminals (Inc.)	R. C. of A.
Masca.....	KIBL	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Mascotte.....	KOW	300, 600	PG-N	Peninsular & Occid. S. S. Co.	R. C. of A.
Mason City.....	KUGX	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Massick.....	KOPF	300, 600	PG-X	.....do.....	Do.
Massillon Bridge.....	KONJ	300, 600	PG-X	.....do.....	I. W. T. Co.
Masuda.....	KMII	300, 600	PG-X	.....do.....	S. O. R. S.
Matanzas.....	WFEU	300, 450, 600	PG-X	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Matinicook.....	KID	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Matsonia.....	WMP	300, 450, 600	PG-N	Matson Navigation Co.	Do.
Mattole.....	KUSV	300, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Mauban.....	KRAE	300, 600	P-X	Compania de Tabocas del Filt.	Owner of vessel.
Maude F.....	KDBK	300, 600	PG-N	E. D. Burge.	R. C. of A.
Maui.....	WMR	300, 450, 600	PG-X	Matson Navigation Co.	Do.
Mauna Kea.....	KDPD	300, 600	PG-X	Inter-Island Navigation Co.	I. W. T. Co.
Mazama.....	KNUO	300, 600	PG-X	Mazama S. S. Co.....	Do.
McClellan.....	KYF	300, 600	PG-X	U. S. S. B.....	R. C. of A.
McCreary County.....	KOQP	300, 600	PG-X	.....do.....	Do.
McKeesport.....	KEXB	300, 600	PG-N	Matson Navigation Co.	S. O. R. S.
Meanticut.....	K'DQH	300, 600	PG-X	.....do.....	I. W. T. Co.
Medina.....	KEL	300, 450, 600	PG-X	Mallory S. S. Co.	Do.
Medon.....	KDID	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Mehannio.....	KUDJ	300, 600	PG-X	.....do.....	Do.
Melrose.....	KZW	300, 600	PG-X	New Eng. Fuel & Trans. Co.	S. O. R. S.
Memnon.....	KDMH	300, 600	PG-X	U. S. S. B.....	Owner of vessel.
Menominee.....	KODL	300, 450, 600	PG-X	.....do.....	R. C. of A.
Mercer.....	KEPF	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Mercer Victory.....	KIVG	300, 600	PG-X	.....do.....	Do.
Meriden.....	KLLP	300, 476, 800	PG-X	General S. S. Corp.	S. O. R. S.
Merrimack.....	KQM	300, 450, 600	PG-N	Merchants & Miners Trans. Co.	T. R. T. Co.
Merry Mount.....	KOGX	300, 450, 600	PG-X	U. S. S. B.....	Do.
Metapan.....	KLF	300, 600	PG-N	United Fruit Co.	Do.
Meton.....	KDBM	300, 600	PG-X	U. S. S. B.....	Do.
Mevania.....	KDCU	300, 600, 1800	PG-X	.....do.....	S. O. R. S.
Mexican.....	WKL	300, 600	PG-N	American-Hawaiian S. S. Co.	Owner of vessel.
Mexicano.....	KGM	300, 450, 600	PG-X	Pierce Oil Corp.	R. C. of A.
Mexico.....	KWX	300, 450, 600	PG-N	N. Y. & Cuba Mail S. S. Co.	I. W. T. Co.
Mexoil.....	WQIA	300, 600	PG-X	Pan-American Pet. & Tr. Co.	R. C. of A.
M. F. Elliott.....	KDNK	300, 600	PG-X	Standard Oil Co.	Do.
Miami.....	KOZ	300, 600	PG-N	Peninsular & Occident. S. S. Co.	Do.
Middlebury.....	WZAA	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Middlesex.....	WRO	300, 600	PG-X	Coastwise Transportation Co.	R. C. of A.
Miller County.....	KERX	300, 600	PG-X	U. S. S. B.....	

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Millinocket.....	KNM	300, 600	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Milwaukee.....	KEXS	300, 600	PG-X	Grand Trunk Car Ferry Line	R. C. of A.
Milwaukee Bridge.....	KIBF	300, 450, 600	PG-X	U. S. S. B.	
Mindoro.....	KDRS			Philippine Insular Governm't	
Mineola.....	KSEE	300, 450, 600	PG-X	Grace S. S. Co.	
Minnekahta.....	KDKK	300, 600	PG-N	Atlantic Transport Co.	Do.
Minnequa.....	KIVB	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Minnesota.....	WEK	300, 600	PG-X	Geo. S. Bennett	Do.
Minnesota.....	WMI	300, 450, 600	PG-N	Atlantic Transport Co.	
Minnesotan.....	WKM	300, 600	PG-X	American-Hawaiian S. S. Co.	
Minnewawa.....	KOPG	300, 600	PG-X	U. S. S. B.	
Minoaka.....	KOZN	300, 450, 600	PG-X	....do.	
Miskianza.....	KOZM	300, 600	PG-X	....do.	
Missouri.....	WFX	300, 600	PG-N	Northern Mich. Trans. Co.	
Mitchell.....	KOTF	300, 600	PG-X	U. S. S. B.	
M. J. Scanlon.....	WJAO	300, 450, 600	PG-X	....do.	
M. M. Davis.....	KDAG	300, 450, 600	PR-X	C. E. Davis Packing Co.	
Mobile City.....	KDCE	300, 450, 600	PG-X	U. S. Steel Products Co.	
Moffitt.....	KDME	300, 600	PG-X	U. S. S. B.	
Mohawk.....	KVM	300, 450, 600	PG-N	Clyde S. S. Co.	I. W. T. Co.
Mohawk.....	KYU	300, 600	P-X	Ralph E. Barry	Owner of vessel.
Mohawk.....	KXE	300, 550, 600	PG-X	New England S. S. Co.	I. R. T. Co.
Mohegan.....	KXW	300, 550, 600	PG-N	....do.	Do.
Mohinkis.....	KUKP	300, 450, 600	PG-X	U. S. S. B.	
Mojave.....	WJEA	300, 600	PG-X	....do.	
Moline.....	KEXN	300, 600	PG-X	....do.	
Momus.....	KKRM	300, 450, 600	PG-X	Southern Pacific Co.	
Monasses.....	KFEQ	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Mongolia.....	KILX	300, 600	PG-X	....do.	Do.
Monmouth.....	WWN	300, 600	PG-N	Atlantic Transport Co.	
Mononmac.....	WXUO	300, 600	PG-N	U. S. S. B.	S. O. R. S.
Monroe.....	KORP	300, 600	PG-X	....do.	I. W. T. Co.
Montague.....	KOSF	300, 600	PG-N	....do.	Do.
Montana.....	KOMV	300, 600	PG-X	....do.	Do.
Montauk.....	KOJF	300, 600	PG-N	American Transportation Co.	
Montclair.....	KLXV	300, 600	PG-X	Atlantic Transport Co.	
Montebello.....	KVII	300, 600	PG-N	U. S. S. B.	
Monterey.....	KDPR	300, 600	PG-X	Union Oil Co.	
Montfaucon.....	KWY	300, 450, 600	PG-N	N. Y. & Cuba Mail S. S. Co.	
Montgomery.....	KUQZ	300, 600	PG-X	Independent S. S. Co.	R. C. of A.
Montgomery City.....	KIJP	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Monticello.....	KDJZ	300, 450, 600	PG-X	U. S. Steel Products Co.	R. C. of A.
Montpelier.....	WLJ	300, 600	PG-N	U. S. S. B.	Do.
Montrolite.....	WLZ	300, 600	PG-N	....do.	Do.
Moonlite.....	WEQ	300, 600	PG-X	Standard Oil Co. of N. J.	
Mooseabee.....	KPL	300, 450, 600	PG-X	....do.	
Moosehausic.....	KIKP	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Mositoitauke.....	KOGD	300, 600	PG-X	....do.	I. W. T. Co.
Mopang.....	KOKG	300, 600	PG-X	....do.	R. C. of A.
Moravia Bridge.....	KOPX	300, 600	PG-X	....do.	I. W. T. Co.
Morrstown.....	KOZG	300, 600	PG-X	....do.	S. O. R. S.
Morro Castle.....	WGAI	300, 600	PG-N	....do.	I. W. T. Co.
Mosella.....	KWC	300, 450, 600	PG-N	New York & Cuba Mail S. S. Co.	S. O. R. S.
Moshico.....	KDCQ	300, 600, 1800	PG-X	U. S. S. B.	R. C. of A.
Moss Point.....	KOBX	300, 600	PG-X	....do.	
Mount Baker.....	KETJ	300, 600	PG-X	....do.	
Mount Carroll.....	KYD	300, 600	PG-X	Gaston, Williams & Wigmore S. S. Corp.	
Mount Clay.....	KDQT	300, 600	PG-N	Shawmut S. S. Co.	
Mount Clinton.....	KDBX	300, 450, 600, 1800	PG-X	Amer. S. & Com. Nav. Corp.	Owner of vessel.
Mount Evans.....	KDRV	300, 600	PG-N	Shawmut S. S. Co.	
Mount Hope.....	KIMT	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Mount Rainier.....	KOL	300	P-X	Prov., Fall River & Newpt. S. Co.	Owner of vessel.
Mount Seward.....	WSOE	300, 600	PG-X	Gatn. Wms. & Wigmore S. S. Co.	R. C. of A.
Mount Shasta.....	WJC	300, 600	PG-X	Kerr Navigation Corp.	Do.
Mount Sidney.....	WHH	300, 450, 600	PG-X	U. S. S. B.	I. W. T. Co.
Mount Sterling.....	KQP	300, 600	PG-X	Amer. S. & Com. Nav. Corp.	R. C. of A.
Mount Summit.....	WGP	300, 600	PG-X	....do.	
Mount Vernon.....	WPJ	300, 600	PG-X	....do.	
Mt. Vernon Bridge.....	KDCZ	300, 600	PG-X	....do.	
Mulpua.....	KWA	300, 600	PG-X	....do.	I. W. T. Co.
Multnomah.....	KIDJ	300, 600	PG-X	....do.	S. O. R. S.
Munaires.....	WMA	300, 600	PG-N	Multnomah S. S. Co.	R. C. of A.
Munalbro.....	WJN	300, 600	PG-X	Munson S. S. Line	Do.
Munamar.....	KUX	300, 600	PG-Xdo.	Do.
Mundale.....	KUI	300, 450, 600	PG-Ndo.	Do.
	KUJ	300, 450, 600	PG-Xdo.	

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Mundelta.....	KUF	300, 450, 600	PG-X	Munson S. S. Line.....	R. C. of A.
Munindies.....	KVE	300, 600	PG-X	.....do.....	Do.
Munisla.....	KJO	300, 450, 600	PG-X	Munisia S. S. Corp.....	Do.
Munplace.....	KUG	300, 450, 600	PG-X	Munson S. S. Line.....	Do.
Munrio.....	KVD	300, 600	PG-X	.....do.....	Do.
Munsomo.....	KUK	300, 600	PG-X	.....do.....	Do.
Munwood.....	KUH	300, 600	PG-X	.....do.....	Do.
Murel.....	KDMO	300, 600	PG-X	Muriel Motorship Corp.....	Do.
Mursa.....	KDFT	300, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Muscatine.....	KJII	300, 600	PG-N	.....do.....	Owner of vessel.
Muskegon.....	KDGP	300, 600	PG-X	American Transatlantic Co.....	R. C. of A.
Muskogee.....	KIB	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	Owner of vessel.
Mystic.....	KHZ	300, 600	PG-X	Shawmut S. S. Co.....	S. O. R. S.
Naamokh.....	KDNE	300, 600, 1800	PG-X	U. S. S. B.....	Do.
Nacata.....	KDMM	300, 600, 1800	PG-X	.....do.....	R. C. of A.
Nacogdoches.....	KKIU	300, 600	PG-N	.....do.....	Do.
Nacoochee.....	KFP	300, 450, 600	PG-N	Ocean S. S. Co.....	I. W. T. Co.
Naiva.....	WCIU	300, 450, 600	PG-X	U. S. S. B.....	Do.
Namasket.....	KDMI	300, 600	PG-X	.....do.....	Do.
Nameaung.....	KITN	300, 600	PG-X	.....do.....	Do.
Nanking.....	KKEE	300, 450, 600	PG-N	China Mail S. S. Co.....	I. W. T. Co.
Nansemond.....	WQR	300, 450, 600	PG-N	U. S. S. B.....	Do.
Nantahala.....	WGIE	300, 600	PG-N	.....do.....	Do.
Nantasket.....	WLIO	300, 600	PG-X	.....do.....	Do.
Nantucket.....	KQN	300, 450, 600	PG-N	Merchants & Miners Trans. Co.....	Do.
Narbo.....	KDIG	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Narcissus.....	KDIH	300, 600	PG-X	.....do.....	Do.
Nashaba.....	KDSM	300, 600	PG-X	.....do.....	Do.
Natchez.....	KDJY	300, 600	PG-X	Charles Ward Engrng. Works.....	S. O. R. S.
National Bridge.....	KIBG	300, 450, 600	PG-X	U. S. S. B.....	Do.
Natirar.....	KDKM	300, 450, 600, 1800	PG-X	.....do.....	R. C. of A.
Naugus.....	KUPS	300, 450, 600	PG-X	.....do.....	Do.
Nawitka.....	KELZ	300, 600	PG-X	.....do.....	Do.
Neabesco.....	KEKV	300, 450, 600	PG-X	Nacirema S. S. Corp.....	I. W. T. Co.
Nedmac.....	KIQM	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Nelson.....	KNL	300, 450, 600	PG-X	Cuba Distilling Co.....	Do.
Nemaha.....	KUSR	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Neponset.....	WQIO	300, 600	PG-N	.....do.....	I. W. T. Co.
Neptune.....	KUN	300, 600	PG-X	.....do.....	Do.
Nesco.....	KEBT	300, 600	PG-X	.....do.....	Do.
Neshaminy.....	KILN	300, 600	PG-N	.....do.....	Do.
Neshobee.....	KUNK	300, 450, 600	PG-X	.....do.....	Do.
Newburgh.....	WZUE	300, 600	PG-X	.....do.....	R. C. of A.
Neuse.....	WLT	300, 450, 600	PG-N	.....do.....	Do.
New Britain.....	KIRG	300, 450, 600	PG-X	Gr. Northwestern Ship. Corp.....	I. W. T. Co.
New England.....	KUCB	300, 600	PG-X	U. S. S. B.....	I. R. T. Co.
New Hampshire.....	KXF	300, 550, 600	PG-N	New England S. S. Co.....	Do.
New Haven.....	KXN	300, 550, 600	PG-X	.....do.....	I. W. T. Co.
New Orleans.....	KDFB	300, 450, 600	PG-X	U. S. S. B.....	F. T. Co.
Newport.....	WWH	300, 600	PG-X	Pacific Mail S. S. Co.....	R. C. of A.
Newton.....	KZX	300, 450, 600	PG-X	New England Fuel & Trans. Co.....	Do.
New Windsor.....	KGAE	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
New York.....	KSН	300, 600	PG-N	Inter. Mercantile Marine Co.....	Do.
New York.....	KUW	300, 450, 600	PG-X	Texas Co.....	I. W. T. Co.
Nika.....	KOPM	300, 600	PG-X	Hodge Ship Co.....	Do.
Nile.....	KOSD	300, 600	PG-X	U. S. S. B.....	Do.
Niobe.....	KDGB	300, 600	PG-X	.....do.....	R. C. of A.
Nipmuc.....	KOQX	300, 600	PG-N	.....do.....	I. W. T. Co.
Nipseit.....	KDJJ	300, 600	PG-X	Madrigal & Co.....	Do.
Nishimaha.....	KEVM	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Nobles.....	KODB	300, 600	PG-X	.....do.....	I. W. T. Co.
Noccalula.....	KORF	300, 600	PG-N	.....do.....	S. O. R. S.
Nockum.....	KOGJ	300, 600	PG-X	.....do.....	Do.
Noddle Island.....	KUKK	300, 600	PG-X	.....do.....	R. C. of A.
Nokatay.....	KOCF	300, 600	PG-X	.....do.....	Do.
Norma.....	KYO	300, 450, 600	PG-X	Rodman Wanamaker.....	S. O. R. S.
Nonantum.....	KIXP	300, 600	PG-X	U. S. S. B.....	Owner of vessel.
Nora.....	KDGZ	300, 600	PG-X	Grace S. S. Co.....	R. C. of A.
Norfolk.....	WZUA	300, 600	PG-X	Coastwise Trans. Co.....	Do.
Norlina.....	KJE	300, 600	PG-X	Garland S. S. Corp.....	Do.
Norma.....	KEKC	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Norman Bridge.....	WIG	300, 450, 600	PG-X	Pan-Amer. Petr. & Trans. Co.....	R. C. of A.
North American.....	WEN	300, 600	PG-N	Chi. Dul. & Georg. Bay S.S. Co.....	I. W. T. Co.
Northern Star.....	KOKC	300, 600	PG-X	U. S. S. B.....	R. C. of A.
North Land.....	KJD	300, 600	PG-N	Eastern S. S. Lines.....	Do.
Northland.....	WGJ	300, 450, 600	PG-X	Atlas S. S. Co.....	S. O. R. S.
North Pines.....	WZEU	300, 600	PG-X	North Pines S. S. Co.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
North Pole	KELB	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Northwestern.....	WAN	300, 440, 525, 600	PG-N	Alaska S. S. Co.....	Do.
Northwestern Bridge.	KONK	300, 600	PG-X	U. S. S. B.....	R. C. of A.
North Wind.....	KYB	300, 600	P-X	Frank W. Frueauff.....	Owner of vessel.
Norumbega.....	KOZX	300, 450, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Norwood.....	WSG	300, 450	PG-X	Pacific American Fisheries.....	S. O. R. S.
Nourmahal.....	KDTI	525, 600	.....	Vincent Astor.....	I. W. T. Co.
Nueces.....	KEH	300, 600	PG-X	Mallory S. S. Co.....	Owner of vessel.
Nushagak.....	WNE	300, 600	PG & PR- N & X	Alaska Packers Association.....	Do.
Nyanza.....	WJO	300, 600	PG-X	U. S. S. B.....	Moore & McCormack.
O. A. Hermanson.....	WRA	300, 600	PG-X	Southern Oil & Transp. Corp.....	I. W. T. Co.
Oakland.....	KMOO	300, 600	PG-N	U. S. S. B.....	Do.
Occidental.....	KUSJ	300, 600	PG-X	Texas S. S. Co.....	Do.
Oconee.....	KJC	300, 600	PG-X	Oconee S. S. Co.....	Do.
Ogonitz.....	KINB	300, 600	PG-X	U. S. S. B.....	Owner of vessel.
Ohioan.....	WKQ	300, 600	PG-X	American-Hawaiian S. S. Co.....	Do.
Ohonkara.....	KURV	300, 600	.....	Carl Tucker.....	I. W. T. Co.
Oklahoma City.....	KUML	300, 600	PG-X	U. S. S. B.....	Do.
Oldham.....	KDQG	300, 600	PG-X	.....do.....	R. C. of A.
Old North State.....	KDHF	300, 450, 600	PG-N	.....do.....	F. T. Co.
Olen.....	KINR	300, 450, 600	PG-X	.....do.....	Do.
Oleum.....	WTD	300, 600, 1800	PG-X	Union Oil Co.....	Do.
Oneco.....	KZUI	300, 600	PG-N	U. S. S. B.....	Do.
Oneida.....	KDJO	300, 600	PG-X	Indenendent S. S. Co.....	Owner of vessel.
Oneida.....	KYP	300, 600	P-X	E. C. Benedict.....	S. O. R. S.
Onekama.....	KEDK	300, 600	PG-X	U. S. S. B.....	Do.
Oneonta.....	WPX	300, 450, 600	PG-X	Port of Portland, Oreg.....	I. W. T. Co.
Onondaga.....	KDJR	300, 600	PG-X	Indenendent S. S. Co.....	R. C. of A.
Ontario.....	KQO	300, 450, 600	PG-N	Merchants & Miners Trans. Co.	I. W. T. Co.
Opelika.....	KECL	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Opequan.....	KIBK	300, 600	PG-X	.....do.....	I. W. T. Co.
Ophis.....	KODZ	300, 600	PG-X	.....do.....	R. C. of A.
Orani.....	KOBD	300, 600	PG-X	.....do.....	Do.
Orcus.....	KISC	300, 600	PG-X	.....do.....	Do.
Oregon.....	WGD	300, 600	PG-X	Alaska-Pacific Navigation Co.....	Owner of vessel.
Oregonian.....	WKO	300, 600	PG-X	American-Hawaiian S. S. Co.....	R. C. of A.
Orient.....	KOLC	300, 450, 600	PG-X	Orient S. S. Corp.....	I. W. T. Co.
Orinoco.....	KIMX	300, 600	PG-X	Orinoco S. S. Co.....	Do.
Orion.....	WLO	300, 450, 600	PG-N	U. S. S. B.....	S. O. R. S.
Orizaba.....	KMEI	300, 600	PG-N	N. Y. & P. R. Mail S. S. Co.....	I. W. T. Co.
Orleans.....	KIDZ	300, 450, 600	PG-X	Orleans S. S. Corp.....	R. C. of A.
Oronoke.....	KUNL	300, 600	PG-X	U. S. S. B.....	Do.
Osage.....	WJU	300, 450, 600	PG-X	.....do.....	Moore & McCormack.
Osakis.....	WFOI	300, 600	PG-X	.....do.....	R. C. of A.
Osaquimnick.....	KEVN	300, 600	PG-X	.....do.....	S. O. R. S.
Oswatatomie.....	KEVB	300, 600	PG-X	.....do.....	Do.
Oscar D. Bennett.....	WIV	300, 450, 600	PG-X	Pan-Amer. Pet. & Trans. Co.....	R. C. of A.
Oscoda.....	KEKT	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Oshkosh.....	WFUU	300, 600	PG-X	.....do.....	S. O. R. S.
Oskaloosa.....	WJII	300, 600	PG-X	.....do.....	I. W. T. Co.
Oskawa.....	WGUA	300, 600	PG-N	.....do.....	Do.
Ossa.....	KUFZ	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Ossineke.....	WTW	300, 600	PG-N	.....do.....	Do.
Ossining.....	KEFR	300, 600	PG-X	.....do.....	R. C. of A.
Oswego.....	KRK	300, 450, 600	PG-X	Union Petroleum S. S. Co.....	Do.
Otho.....	KULX	300, 450, 600	PG-X	U. S. S. B.....	Do.
Otsego.....	WDG	300, 450, 600	PG-N	.....do.....	S. O. R. S.
Otto M. Reiss.....	WNG	300, 450, 600	PG-X	Reiss S. S. Co.....	R. C. of A.
O. T. Waring.....	KJW	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Oured.....	KDMF	300, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Outagamie.....	KULS	300, 600	PG-X	Standard Oil Co.....	S. O. R. S.
Overbrook.....	KLAE	300, 600	PG-X	U. S. S. B.....	Owner of vessel.
Owego.....	KFQ	300, 450, 600	PG-X	Winett Operating Co.....	S. O. R. S.
Oyaka.....	KELX	300, 600	PG-X	U. S. S. B.....	Do.
Ozama.....	WRX	300, 600	PG-X	Atl., Gulf & West Ind. S. S. Co.	R. C. of A.
Ozaukee.....	WXAA	300, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Ozette.....	KEVP	300, 600	PG-X	.....do.....	S. O. R. S.
Ozmo.....	KUJL	300, 600	PG-X	Northern Commercial Co.....	I. W. T. Co.
Pachet.....	KDCH	300, 600	PG-N	U. S. S. B.....	Owner of vessel.
Padnay.....	KUQG	300, 600	PG-X	.....do.....	S. O. R. S.
Passasset.....	KDHG	300, 600	PG-N	.....do.....	Do.
Palisades.....	KOLV	300, 600	PG-N	.....do.....	Do.
Pallas.....	KUTJ	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Palo Alto.....	KDCT	300, 450, 600	PG-X	.....do.....	R. C. of A.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Panama.....	KMH	300, 450, 600	PG-N	Panama R. R. Co.....	Owner of vessel.
Panaman.....	WKR	300, 600	PG-X	American-Hawaiian S. S. Co.....	Do.
Pan-American.....	KUT	300, 450, 600	PG-X	Texas S. S. Co.....	R. C. of A.
Panay.....	KEMJ	300, 450, 525, 600	PG-N	Madrigal & Co.....	
Panhandle State.....	KDAR	300, 450, 600	PG-N	U. S. S. B.....	Owner of vessel.
Panoil.....	KUQC	300, 600	PG-X	Pan-Amer. Pet. & Trans. Co.....	R. C. of A.
Panola.....	WMUO	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Pansa.....	KUZN	300, 600	PG-X	do.....	
Panuco.....	KMM	300, 600	PG-X	Sinclair Navigation Co.....	R. C. of A.
Panuco.....	KWM	300, 450, 600	PG-X	N. Y. & Cuba Mail S. S. Co.....	I. W. T. Co.
Paraguay.....	KTT	300, 600	PG-X	Sun Co.....	R. C. of A.
Paraiso.....	WRI	300, 600	PG-X	Oliver J. Olsen.....	Owner of vessel.
Parismina.....	KDG	300, 600	PG-N	United Fruit Co.....	T. R. T. Co.
Parksville.....	KIZG	300, 600	PG-X	U. S. S. B.....	
Parthian.....	WCE	300, 600	PG-X	Olympia Shipping Corp.....	Owner of vessel.
Pasadena.....	KMEU	300, 450, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Passaic Bridge.....	KIBJ	300, 600	PG-X	do.....	
Pastores.....	KLA	300, 600	PG-N	United Fruit Co.....	T. R. T. Co.
Patrick Henry.....	KUPM	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Patrol.....	KIN	300, 400, 600	PG-N	City of N. Y. Police Dept.....	Owner of vessel.
Paul H. Harwood.....	KJIO	300, 600	PG-X	Pan-Amer. Pet. & Trans. Co.....	R. C. of A.
Paulsboro.....	KRS	300, 450, 600	PG-X	Vacuum Oil Co.....	Do.
Pawlet.....	KUBL	300, 600	PG-X	U. S. S. B.....	Do.
Pawnee.....	KDGC	300, 600	PG-X	do.....	I. W. T. Co.
Pawnee.....	WLW	300, 450, 600	PG-N	do.....	R. C. of A.
Pawtucket.....	KINZ	300, 600	PG-X	do.....	S. O. R. S.
Peacock.....	KDKY	300, 600	PG-X	do.....	Do.
Pearlton.....	KDLC	300, 600	PG-X	U. S.-Mex. Oil Corp.....	R. C. of A.
Pearl Shell.....	WIC	300, 450, 600	PG-X	Pearl Shell S. S. Co.....	Owner of vessel.
Pecomie.....	KDAF	300, 450, 600	PG-X	C. E. Davis Packing Co.....	I. W. T. Co.
Peekskill.....	KOMX	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Pennant.....	KME	300, 450, 600	PG-X	Pierce Oil Corp.....	I. W. T. Co.
Pennsylvania.....	KUP	300, 450, 600	PG-X	Texas S. S. Co.....	Owner of vessel.
Pennsylvanian.....	WKP	300, 600	PG-X	American-Hawaiian S. S. Co.....	I. R. T. Co.
Pequonnock.....	KXP	300, 550, 600	PG-N	New England S. S. Co.....	R. C. of A.
Pequot.....	WLX	300, 600	PG-X	U. S. S. B.....	
Peralta.....	KDMJ	300, 600	PG-X	do.....	
Pere Marquette.....	WDA	300, 600	PG-X	Pere Marquette R. R. Co.....	Do.
Pere Marquette 8.....	KINL	300, 600	PG-X	do.....	Do.
Pere Marquette 17.....	WDC	300, 600	PG-X	do.....	Do.
Pere Marquette 18.....	WDD	300, 600	PG-X	do.....	Do.
Pere Marquette 19.....	WDB	300, 600	PG-X	do.....	Do.
Pere Marquette 20.....	WDE	300, 600	PG-X	do.....	Do.
Perfection.....	KTN	300, 600	PG-X	Standard Oil Co. of N. Y.....	I. W. T. Co.
Persian.....	KQX	300, 450, 600	PG-N	Mer. & Miners Trans. Co.....	R. C. of A.
Peter H. Crowell.....	KEXT	300, 476, 600	PG-X	Crowell & Thurlow S. S. Co.....	Do.
Peter Reiss.....	WNX	300, 600	PG-X	North American S. S. Co.....	Do.
Petoskey.....	WDH	300, 600	PG-X	Chicago & S. Haven S. S. Co.....	Do.
Philadelphia.....	KDA	300, 450, 600	PG-N	Atl. & Car. Steam Nav. Co.....	I. W. T. Co.
Philadelphia.....	KSM	300, 600	PG-N	Intl. Mercantile Marine Co.....	I. W. T. Co.
Philippines.....	WAV	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Philip Publicicker.....	KDEW	300, 600	PG-X	Publicker Shipping Co.....	R. C. of A.
Phoenix.....	WJEQ	300, 600	PG-X	do.....	
Phoenix Bridge.....	WFOU	300, 600	PG-X	W. R. Chamberlain.....	Do.
Phyllis.....	KEA	300, 600	PG-X	Chic., Racine & Mil. S. S. Co.....	I. W. T. Co.
Pilgrim.....	KURS	300, 600	PG-N	do.....	Do.
Pinellas.....	KULB	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Pintthis.....	KUPC	300, 450, 600	PG-X	Sugar Products Co.....	C. & W.
Pioneer.....	KIG	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Pioneer.....	KUSL	300, 600	PG-X	Mutual Packing Co.....	Owner of vessel.
Pioneer.....	WPN	300, 600	PG-X	Puget Sound Tug Boat Co.....	Do.
Pipestone County.....	KIMZ	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Pisco.....	KEVQ	300, 600	PG-X	do.....	
Pittsburgh Bridge.....	KUKL	300, 600	PG-X	do.....	R. C. of A.
P. J. Reilly.....	KDMY	300, 450, 600	PG-X	National Oil and Trans. Co.....	C. & W.
Plainfield.....	WJEI	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Playa.....	KDTE	300, 600	PG-X	Union Oil Co.....	
Pielades.....	WNP	300, 450, 600	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Plow City.....	KUCC	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Plymouth.....	KND	300, 450, 600	PG-X	Green Star S. S. Corp.....	R. C. of A.
Plymouth.....	KXH	300, 550, 600	PG-N	New England S. S. Co.....	I. R. T. Co.
Pocahontas.....	KDOX	300, 450, 600	PG-N	U. S. Mail S. S. Co.....	R. C. of A.
Point Adams.....	WES	300, 600	PG-X	Pacific Mail S. S. Co.....	F. T. Co.
Point Arena.....	WHP	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Point Bonita.....	WMT	300, 600	PG-X	Pacific Mail S. S. Co.....	F. T. Co.
Point Judith.....	KPAA	300, 600	PG-X	do.....	Do.
Point Lobos.....	KJUI	300, 600	PG-X	do.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Point Loma.....	WAU	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Polar Bear.....	WGQE	300, 600	PG-N	.....do.....	I. W. T. Co.
Polarine.....	KOI	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Polar Sea.....	KSOA	300, 600	PG-N	U. S. S. B.....	Do.
Polar Star.....	KELC	300, 600	PG-N	.....do.....	Do.
Polybius.....	KIGL	300, 600	PG-N	.....do.....	I. W. T. Co.
Pomona.....	KDAT	300, 450, 600	PG-X	.....do.....	R. C. of A.
Ponce.....	KGP	300, 450, 600	PG-X	N. Y. & Porto Rico S. S. Co.	I. W. T. Co.
Pontchartrain.....	KIMP	300, 600	PG-X	U. S. S. B.....	Do.
Pontia.....	KIPC	300, 600	PG-X	.....do.....	Do.
Portola Plumas.....	KUMN	300, 450, 600	PG-X	.....do.....	R. C. of A.
Porto Rico.....	WJG	300, 600	PG-N	.....do.....	I. W. T. Co.
Portsmouth.....	KOJV	300, 600	PG-N	.....do.....	R. C. of A.
Potomac.....	KOKN	300, 450, 600	PG-N	.....do.....	Do.
Potter.....	KDFC	300, 600	PG-X	.....do.....	Do.
Poughkeepsie.....	KEZZ	300, 600	PG-X	.....do.....	Do.
Poznam.....	WLY	300, 450, 600	PG-N	Polish-American Navgn. Corp.	R. C. of A.
President.....	WGP	300, 450, 600	PG-N	Pacific S. S. Co.....	Do.
Princess Matoika.....	WLS	300, 450, 600	PG-N	U. S. S. B.....	Do.
Princeton.....	KST	300, 450, 600	PG-X	Standard Oil Co. of N. J.	Do.
Priscilla.....	KXI	300, 550, 600	PG-N	New England S. S. Co.....	I. R. T. Co.
Proctor.....	KEPQ	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Providence.....	KXJ	300, 550, 600	PG-N	New England S. S. Co.....	I. R. T. Co.
Provincetown.....	KDFE	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Prusa.....	KELQ	300, 600	PG-X	.....do.....	I. W. T. Co.
Puente.....	KDSS	300, 600	PG-X	Union Oil Co.....	R. C. of A.
Puget Sound.....	WER	300, 600	PG-N	U. S. S. B.....	Do.
Pulaski.....	KUQL	300, 600	PG-X	.....do.....	Do.
Puritan.....	WDU	300, 600	PG-X	Chi., Rac. & Mil. Line	R. C. of A.
Putnam.....	KIXQ	300, 600	PG-X	U. S. S. B.....	Do.
Pylas.....	KULQ	300, 450, 600	PG-X	.....do.....	Do.
Pyramus.....	KIPL	300, 600	PG-X	.....do.....	Do.
Python.....	WNIO	300, 600	PG-X	.....do.....	S. O. R. S.
Quaker City.....	KOZL	300, 600	PG-X	.....do.....	R. C. of A.
Quabbin.....	KUJZ	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Quantico.....	KQQ	300, 450, 600	PG-X	Mer. & Min. Transp. Co.	R. C. of A.
Queen.....	WGK	300, 450, 600	PG-N	Pacific S. S. Co.....	Do.
Queen II.....	WOY	400	P-X	Central Ill. Pub. Serv. Co.	R. C. of A.
Quillwark.....	KUZM	300, 450, 600	PG-X	U. S. S. B.....	Owner of vessel.
Quinault.....	KDND	300, 600	PG-X	W. H. Wood.....	S. O. R. S.
Quinnipiac.....	KOQT	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Quistconck.....	WREI	300, 600	PG-X	.....do.....	R. C. of A.
Quittacas.....	WRUO	300, 600	PG-X	.....do.....	Do.
Radian.....	KTR	300, 450, 600	PG-X	Standard Oil Co. of N. Y.	I. W. T. Co.
Radnor.....	KJUE	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Rainier.....	WRZ	300, 600	PG-X	Atlas S. S. Co.....	R. C. of A.
Rajah.....	WAO	300, 600	PG-X	U. S. S. B.....	Do.
Ransom B. Fuller.....	KRF	300, 600	PG-X	Eastern S. S. Lines	R. C. of A.
Rapidan.....	KOSG	300, 600	PG-X	U. S. S. B.....	Do.
Rappahannock.....	WQQ	300, 600	PG-N	.....do.....	Do.
Rayo.....	KTL	300, 450, 600	PG-X	Standard Oil Co. of N. Y.	I. W. T. Co.
Reaper.....	KDLG	300, 600	PG-X	Texas S. S. Co.....	R. C. of A.
Red Cloud.....	WJEE	300, 600	PG-X	Red Cloud S. S. Co.....	S. O. R. S.
Red Hook.....	KDDA	300, 450, 525, 600	PR-X	Todd Shipbuilding Co.....	R. C. of A.
Red Mountain.....	KOTQ	300, 450, 600	PG-X	U. S. S. B.....	Owner of vessel.
Redondo.....	KYT	300, 476, 600	PG-N	Redondo S. S. Co.....	R. C. of A.
Redondo.....	WBM	300, 600	PG-X	Alaska S. S. Co.....	S. O. R. S.
Redwood.....	WSD	300, 450, 525, 600	PG-N & X	Pacific American Fisheries Co.	R. C. of A.
Relay.....	KVZ	300, 600	P-X	Mexican Telegraph Co.....	Owner of vessel.
Relief.....	KRJ	300, 450, 600	PG-X	M. & C. Der. & Wreck. Co.	S. O. R. S.
Remulik III.....	KZR	300, 600	PG-X	Willis S. Kilmer.....	Owner of vessel.
Remus.....	KEBX	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Republic.....	WSU	300, 600	PG-X	Chile S. S. Co.....	C. & W.
Rescue.....	KRP	300, 450, 600	PG-X	M. & C. Der. & Wreck. Co.	S. O. R. S.
Resolute.....	KRM	300, 600	PG-X	.....do.....	Owner of vessel.
Restorer.....	WIU	300, 450, 600	P-N	Commercial Pacific Cable Co.	R. C. of A.
Reuce.....	WSR	300, 525, 600	PG-X	Columbia River Packers Ass'n.	Owner of vessel.
Richard J. Reiss.....	WNK	300, 600	PG-X	Reiss S. S. Co.....	R. C. of A.
Richard Peck.....	KXR	300, 450, 600	PG-X	New England S. S. Co.....	I. R. T. Co.
Richconcal.....	KUTX	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Richmond.....	KDOQ	300, 450, 600	PG-X	Aiken Towboat Co.	S. O. R. S.
Richmond.....	WTR	300, 600	PG-X	Standard Oil Co. of Calif.	R. C. of A.
Rio Grande.....	KEG	300, 600	PG-X	Mallory S. S. Co.....	I. W. T. Co.
Ripon.....	KUGM	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Riverside Bridge.....	KUCD	300, 600	PG-X	.....do.....	I. W. T. Co.
R. J. Hanna.....	KDRD	300, 600	PG-X	Standard Oil Co. of Calif.	R. C. of A.
Roanoke.....	KOXV	300, 600	PG-X	Texas S. S. Co.....	I. W. T. Co.

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Robert C. Sudden.	KDQR	300, 600	PG-X	Thomas Crowley.....	
Robert M. Thompson.	KNW	300, 600	PG-X	American Transportation Co.	
Robert P. Clark.	KTH	300, 450, 600	PG-X	Gulf Refining Co.	I. W. T. Co.
Robin Adair.	KOVM	300, 440, 525, 600	PG-X	Seas Shipping Co.	S. O. R. S.
Robin Goodfellow.	KUBN	300, 440, 525, 600	PG-X	Robbin S. S. Line.	Do.
Robin Gray.	KOXT	300, 440, 525, 600	PG-X	.....do.	Do.
Robin Hood.	KOTM	300, 440, 525, 600	PG-X	Seas Shipping Co.	Do.
Rochester.	KUTZ	300, 600	PG-X	Vacuum Oil Co.	R. C. of A.
Rockaway Park.	KIZZ	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Rock Island.	KIND	300, 600	PG-X	.....do.	R. C. of A.
Rockport.	KOZD	300, 450, 600	PG-X	.....do.	S. O. R. S.
Rodman Swift.	KDKQ	200, 300, 600	PR-X	Submarine Signal Co.	Owner of vessel.
Romagne.	KDJX	300, 600	PG-X	Independent S. S. Co.	Do.
Romulus.	KIDR	300, 600	PG-X	U. S. S. B.	R. C. of A.
Rose City.	WWR	300, 600	PG-N	San Francisco & Portland S. S. Co.	R. C. of A.
Rose Mahoney.	KSAE	300, 600	PG-X	Andrew F. Mahoney.....	Do.
Rotarian.	KDCF	300, 600	PG-X	U. S. S. B.	Do.
Royal Arrow.	KSW	300, 450, 600	PG-X	Standard Transportation Co.	Do.
Ruby.	KOBC	300, 600	PG-X	American Transportation Co.	Owner of vessel.
Rush.	WNR	300, 440, 525, 600	PG-X	Bering Sea Packing Co.	
Rushville.	KUDS	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Ruth.	KZC	300, 600	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Ruth E. Merrill.	KQU	300, 450, 600	PG-X	Olympia Shipping Corp.	R. C. of A.
Sabine.	KEB	300, 450, 600	PG-N	Mallory S. S. Co.	I. W. T. Co.
Sabine Sun.	WLQ	300, 450, 600	PG-X	Sun Co.	R. C. of A.
Sabotawan.	KIJJ	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Sacandaga.	KESC	300, 600	PG-X	.....do.	R. C. of A.
Saccarappa.	WGOI	300, 600	PG-X	.....do.	I. W. T. Co.
Sac City.	KEFB	300, 600	PG-X	.....do.	
Saco.	KEPT	300, 600	PG-X	.....do.	S. O. R. S.
Sacramento.	KWV	300, 600	PG-X	Sacramento S. S. Co.	R. C. of A.
Sagadahoc.	KTUO	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Sagaporack.	KZIU	300, 600	PG-X	.....do.	S. O. R. S.
Sag Harbor.	WPAE	300, 600	PG-X	.....do.	I. W. T. Co.
Sagua.	KVO	300, 600	PG-N	Atlantic Fruit Co.	R. C. of A.
Saguache.	KEKL	300, 600	PG-X	U. S. S. B.	Do.
Sahale.	KEPR	300, 600	PG-X	.....do.	I. W. T. Co.
Salaam.	KURP	300, 600	PG-X	.....do.	R. C. of A.
Salaverry.	KEQX	300, 600	PG-X	.....do.	S. O. R. S.
Salem County.	KODR	300, 450, 600	PG-X	.....do.	I. W. T. Co.
Salina.	KUZQ	300, 450, 600	PG-X	.....do.	R. C. of A.
Salmon.	KPOU	300, 600	PG-X	.....do.	S. O. R. S.
Saluda.	KEGQ	300, 600	PG-X	.....do.	I. W. T. Co.
Salvation Lass.	KIMN	300, 600	PG-X	.....do.	R. C. of A.
Samuel L. Fuller.	KDMS	300, 600	PG-X	Sinclair Navigation Corp.	Do.
Samuel Mitchell.	WEJ	300, 600	PG-X	Huron Transportation Co.	Owner of vessel.
San Antonio.	KOMN	300, 600	PG-X	Adolfo Stahl.....	Do.
San Diego.	KUBF	300, 600	PG-X	W. H. Wood.....	R. C. of A.
San Franciscos.	KRT	300, 450, 600	PG-X	U. S. Steel Products Co.	Do.
Sangamon.	WJAA	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
San Jacinto.	KES	300, 450, 600	PG-N	Mallory S. S. Co.	R. C. of A.
San Jose.	KDJ	300, 450, 600	PG-X	United Fruit Co.	T. R. T. Co.
San Jose.	WWL	300, 600	PG-N	Pacific Mail S. S. Co.	F. T. Co.
San Juan.	KGJ	300, 450, 600	PG-N	N. Y. & P. R. S. S. Co.	I. W. T. Co.
San Juan.	KULV	300, 450, 600	PG-	Libby, McNeill & Libby.....	Owner of vessel.
San Juan.	WWM	300, 600	PG-N	N & X	
San Lorenzo.	KEZ	300, 450, 600	PG-N	Pacific Mail S. S. Co.	F. T. Co.
San Marcos.	KEK	300, 600	PG-X	N. Y. & P. R. S. S. Co.	I. W. T. Co.
San Mateo.	KLV	300, 600	PG-X	Mallory S. S. Co.	Do.
San Pasqual.	KUXC	300, 600	PG-X	United Fruit Co.	T. R. T. Co.
San Ramon.	WNW	300, 600	PG-X	U. S. S. B.	
Santa Alicia.	WSJ	300, 450, 600	PG-X	Mexican Fruit & S. S. Corp.	Wireless Serv. Co.
Santa Ana.	WAL	300, 600	PG-	Grace S. S. Co.	R. C. of A.
Santa Ana.	WBX	300, 450, 600	PG-N	Alaska S. S. Co.	S. O. R. S.
Santa Barbara.	WBJ	300, 450, 600	PG-X	Grace S. S. Co.	R. C. of A.
Santa Cecilia.	WBB	300, 450, 600	PG-X	.....do.	Do.
Santa Clara.	WBA	300, 600	PG-X	Green Star S. S. Corp.	Do.
Santa Cruz.	WBD	300, 600	PG-N	Atlantic & Pacific S. S. Co.	Do.
Santa Elisa.	KIGQ	300, 450, 600	PG-N	.....do.	Do.
Santa Eulana.	KDDY	300, 450, 600	PG-X	Grace S. S. Co.	Do.
				American & Cuban S. S. Line.	

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Santa Flavia.....	KRUI.....	300, 450, 600	PG-X	Grace S. S. Co.....	R. C. of A.
Santa Inez.....	WSI.....	300, 600	PG-X	.....do.....	Do.
Santa Isabel.....	KDBV.....	300, 450, 600	PG-X	American & Cuban S. S. Line	Do.
Santa Leonora.....	KIML.....	300, 450, 600	PG-N	U. S. S. B.....	Do.
Santa Luisa.....	KJEU.....	300, 450, 600	PG-N	Grace S. S. Co.....	Do.
Santa Malta.....	KIBN.....	300, 600	PG-X	Atlantic & Pacific S. S. Co.....	Do.
Santa Marta.....	KLG.....	300, 600	PG-N	United Fruit Co.....	Do.
Santanta.....	KZS.....	300, 600	PG-X	Osborne Howes.....	T. R. T. Co.
Santa Olivia.....	KQII.....	300, 600	PG-X	Atlantic & Pacific S. S. Co.....	Owner of vessel.
Santa Paula.....	WBQ.....	300, 450, 600	PG-X	Grace S. S. Co.....	R. C. of A.
Santa Rita.....	WBR.....	300, 450, 600	PG-X	.....do.....	Do.
Santa Rita.....	WTG.....	300, 450, 600	PG-X	Amer. Fuel Oil & Trans. Co.....	Do.
Santa Rosa.....	WBO.....	300, 500, 600	PG-X	Grace S. S. Co.....	Do.
Santa Rosalia.....	KLO.....	300, 600	PG-X	U. S. Steel Products Co.....	Do.
Santa Tecla.....	KNEE.....	300, 600	PG-X	Grace S. S. Co.....	Do.
Santa Teresa.....	WLIA.....	300, 600	PG-N	.....do.....	Do.
Santa Veronica.....	KDHT.....	300, 600	PG-X	Amer. & Cuban S. S. Line	I. W. T. Co.
Santiago.....	KWE.....	300, 450, 600	PG-N	N. Y. & Cuba Mail S. S. Co.....	R. C. of A.
Santore.....	KDQ.....	300, 600	PG-X	Guaranty Trust Co.....	Do.
Sapinero.....	KESG.....	300, 600	PG-X	U. S. S. B.....	T. R. T. Co.
Sapulpa.....	KDCB.....	300, 600	PG-X	.....do.....	Owner of vessel.
Sarah Weems.....	WQJ.....	300, 600	PG-X	Baltimore & Carolina S. S. Co.....	R. C. of A.
Saramacca.....	KLH.....	300, 600	PG-N	United Fruit Co.....	T. R. T. Co.
Sarcocie.....	WLAA.....	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Satarla.....	KIDC.....	300, 600	PG-X	.....do.....	R. C. of A.
Satsuma.....	KJI.....	300, 600	PG-N	Barber & Co.....	Do.
Saucon.....	WBK.....	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Saugerties.....	WAB.....	300, 600	PG-X	.....do.....	S. O. R. S.
Saugus.....	KIBQ.....	300, 600	PG-X	.....do.....	I. W. T. Co.
Sawokla.....	KDBW.....	300, 450, 600	PG-X	.....do.....	Do.
Saxon.....	WZEA.....	300, 600	PG-X	Clinchfield Navigation Co.....	R. C. of A.
S. B. Hunt.....	KIPR.....	300, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Scantic.....	KILR.....	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Schenectady.....	WJU.....	300, 600	PG-X	.....do.....	R. C. of A.
Schedack.....	KEVT.....	300, 600	PG-X	.....do.....	Do.
Schoharie.....	KEVV.....	300, 600	PG-X	.....do.....	S. O. R. S.
Schoodic.....	KIDQ.....	300, 600	PG-X	.....do.....	I. W. T. Co.
Schroon.....	KIJM.....	300, 600	PG-X	.....do.....	Do.
Schuylkill Bridge.....	KUKC.....	300, 600	PG-X	.....do.....	S. O. R. S.
Scottsburg.....	KOMM.....	300, 600	PG-X	.....do.....	I. W. T. Co.
S. C. T. Dodd.....	KDML.....	300, 600	PG-X	Standard Oil Co. of Calif.....	R. C. of A.
Seafarer.....	WPL.....	.....	.....	R. Bean.....	.....
Sea Lion.....	KDOJ.....	300, 600	PG-X	Ship Ow'rs. & Merchts. Tb Co	S. O. R. S.
Sea Monarch.....	KDQU.....	300, 600	PG-X	.....do.....	Owner of vessel.
Sea Ranger.....	KDSQ.....	300, 600	PG-X	.....do.....	Do.
Sea Scout.....	KDSY.....	300, 600	PG-X	.....do.....	Do.
Seattle Spirit.....	KISD.....	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Sebonac.....	KUVF.....	300, 450, 600	PG-X	Thos. A. Howell.....	R. C. of A.
Security.....	KSJ.....	300, 600	PG-X	Standard Transportation Co.....	Do.
Seeandbee.....	WFS.....	300, 600	PG-X	Cleveland & Buffalo T. Co.....	Do.
Seekonk.....	KIGF.....	300, 450, 600	PG-X	U. S. S. B.....	Do.
Selma.....	KUKQ.....	300, 600	PG-X	.....do.....	Do.
Selma City.....	KDRJ.....	300, 450, 600	PG-X	U. S. Steel Products Co.....	Do.
Seminole.....	KUGP.....	300, 600	PG-X	U. S. S. B.....	Do.
Senator.....	WGS.....	300, 600	PG-N	Pacific S. S. Co.....	Do.
Senator Bailey.....	KGS.....	300, 600	PG-X	Gulf Refining Co.....	I. W. T. Co.
Seneca.....	KDJW.....	300, 600	PG-X	West Indian Navigation Co.....	Owner of vessel.
Severance.....	KXOE.....	300, 600	PG-X	Union Sulphur Co.....	Do.
Sewalls Point.....	KGX.....	300, 450, 600	PG-N	Castner, Curran & Bullitt.....	R. C. of A.
Shannock.....	KOBB.....	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Sharon.....	KIRK.....	300, 600	PG-X	.....do.....	R. C. of A.
Shaume.....	KILQ.....	300, 600	PG-X	.....do.....	I. W. T. Co.
Shemandoah.....	KIBD.....	300, 600	PG-X	Texas Co.....	Do.
Shemango.....	KTC.....	300, 600	PG-X	Gulf Refining Co.....	R. C. of A.
Sherman.....	KMQ.....	300, 450, 600	PG-X	Sherman S. S. Co.....	I. W. T. Co.
Shickshinny.....	KIZP.....	300, 600	PG-X	U. S. S. B.....	Do.
Shipping Board vessels (general call).....	KSBV.....	.....	.....	do.....	R. C. of A.
Shooters Island.....	KERG.....	300, 450, 600	PG-X	.....do.....	R. C. of A.
Shortsville.....	KIKK.....	300, 600	PG-X	.....do.....	Do.
Shreveport.....	WGAO.....	300, 600	PG-X	.....do.....	Do.
Sialia.....	WFY.....	300, 450, 600	PG-X	Henry Ford.....	Owner of vessel.
Siboney.....	WRN.....	300, 600	PG-N	N. Y. & Cuba Mail S. S. Co.....	I. W. T. Co.
Sierra.....	KRW.....	300, 600	PR-X	E. K. Wood Lumber Co.....	Owner of vessel.
Siletz.....	KODG.....	300, 476, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Silverado.....	WRC.....	300, 450, 600	PG-X	.....do.....	Do.
Silverbrook.....	KIBC.....	300, 600	PG-Xdo.....	R. C. of A.
Silver Shell.....	WIA.....	300, 450, 600	PG-X	Silver Shell S. S. Co.....

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Silver State.....	KDPA	300, 450, 600 1, 800	PG-N	U. S. S. B.....	S. O. R. S
Sinasta.....	KDAC	300, 450, 600	PG-X	..... do.....	I. W. T. Co.
Sinsinawa.....	KOJD	300, 450, 600	PG-X	..... do.....	R. C. of A.
Sioux City.....	KUGK	300, 450, 600	PG-X	..... do.....	S. O. R. S.
Sioux Falls.....	KONN	300, 600	PG-X	..... do.....	R. C. of A.
Sir Thomas Shaugnessy.....	WFV	300, 600	PG-X	Jenkins S. S. Co.....	Do.
Siskiyou.....	KDAS	300, 600	PG-X	E. K. Wood Lumber Co.....	Owner of vessel.
Sixaola.....	KDS	300, 600, 1800	PG-N	United Fruit Co.....	T. R. T. Co
Skagway.....	WAT	300, 600	PG-X	Alaska S. S. Co.....	Owner of vessel.
S. M. Fischer.....	WPH	300, 600	PG-X	Reid Towing & Wrecking Co.....	R. C. of A.
S. M. Spalding.....	WKG	300, 450, 600	PG-X	Pan-Amer. Pet. & Transp. Co.....	Do.
Snoqualmie.....	KDBO	300, 600	PG-X	U. S. S. B.....	Standard Oil Co. of Calif.
S. O. Co. No. 91.....	WTU	300, 600	PG-X	..... do.....	Do.
S. O. Co. No. 93.....	WTY	300, 600	PG-X	..... do.....	Do.
S. O. Co. No. 95.....	WTZ	300, 450, 600	PG-X	..... do.....	Do.
Socony.....	KTX	300, 450, 600	PG-X	Standard Oil Co. of N. Y.....	Do.
Socony 82.....	KVAI	300, 450, 600	PG-X	..... do.....	Do.
Socony 83.....	KVAO	300, 450, 600	PG-X	..... do.....	Do.
Socony 84.....	WCOE	300, 450, 600	PG-X	..... do.....	Do.
Socony 85.....	WKAE	300, 450, 600	PG-X	Standard Oil Co. of N. Y.....	Do.
Socony 88.....	KRUU	300, 450, 600	PG-X	..... do.....	Do.
Socony 89.....	KSA	300, 450, 600	PG-X	..... do.....	Do.
Socony 90.....	WTII	300, 450, 600	PG-X	..... do.....	Do.
Socony 92.....	WCOI	300, 450, 600	PG-X	..... do.....	Do.
Socony 94.....	WTIO	300, 450, 600	PG-X	..... do.....	Do.
Solana.....	KDQJ	300, 600	PG-X	Pacific Mail S. S. Co.....	F. T. Co.
Solitaire.....	KUMT	300, 600	PG-X	Texas S. S. Co.....	I. W. T. Co.
Somerset.....	KSU	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Somme.....	KDKZ	300, 600	PG-N	U. S. S. B.....	F. T. CO.
Sonoma.....	WHD	300, 600, 1800	PG-N	Oceanic S. S. Co.....	I. W. T. Co.
South American.....	WEQ	300, 600	PG-N	Chi. Du. & Georgian Bay S.S.Co.	S. O. R. S.
South Bend.....	KEXQ	300, 600	PG-N	U. S. S. B.....	I. W. T. Co.
South Pole.....	WDIA	300, 600	PG-N	..... do.....	R. C. of A.
Spokane.....	WGE	300, 450, 600	PG-N	Pacific S. S. Co.....	Do.
Springfield.....	KUTR	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
St. Anthony.....	KUBM	300, 600	PG-X	..... do.....	R. C. of A.
St. Augustine.....	KIKJ	300, 600	PG-X	..... do.....	Do.
St. Charles.....	KOK	300, 600	PG-X	Maru Navigation Co.....	Do.
St. Johns County.....	KIKG	300, 600	PG-X	U. S. S. B.....	Do.
St. Louis.....	KDQX	300, 600	PG-X	Marietta Manufacturing Co.....	Do.
St. Mihiel.....	KDHW	300, 600	PG-N	U. S. S. B.....	Owner of vessel.
St. Nicholas.....	WSS	300, 525, 600	PG-X	Col. River Packers Assn.....	I. W. T. Co.
St. Paul.....	KSO	300, 600	PG-N	International Mer. Marine Co.....	R. C. of A.
Standard.....	KIC	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Standard.....	KXOI	300, 450, 600	PG-X	Standard Transportation Co.....	Do.
Standard II.....	KSA	300, 600	PG-X	..... do.....	Do.
Standard Arrow.....	KSV	300, 450, 600	PG-X	..... do.....	Do.
Standard Oil Co. (general call for vessels).	KSOC	.....	.....	.....	.....
Standtow No. 1.....	KPO	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	Owner of vessel.
Standtow No. 2.....	KPK	300, 450, 600	PG-X	..... do.....	Do.
Standtug No. 1.....	KOQM	300, 450, 600	PG-X	..... do.....	Do.
Stanley.....	KISJ	300, 600	PG-X	..... do.....	S. O. R. S.
Stanley Dollar.....	WHS	300, 450, 600	PG-X	Dollar S. S. Line.....	I. W. T. Co.
Stanwood.....	KHD	300, 600	PG-X	W. R. Chamberlin.....	Do.
Star I.....	WRIO	300, 600	PG-X	United States Whaling Co.....	Do.
Star of Greenland.....	KERF	300, 400, 600	PG-X	Alaska Packers Assn.....	Do.
Star of Holland.....	KUGQ	300, 600	PG-X	..... do.....	Do.
Star of Lapland.....	KXOA	300, 600	PG-X	..... do.....	S. O. R. S.
Starr.....	WPS	300, 600	PG-X	San Juan Fish. & Pack'ng Co.	R. C. of A.
State of Ohio.....	WFR	300, 600	PG-X	Cleveland & Buffalo Tran. Co.	I. W. T. Co.
Steadfast.....	WDEO	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Steel Age.....	KOZX	300, 450, 600	PG-X	U. S. Steel Products Co.....	Do.
Steel Engineer.....	KDCX	300, 600	PG-N	..... do.....	Do.
Steel Exporter.....	KDDN	300, 600	PG-N	..... do.....	Do.
Steel Inventor.....	KDJL	300, 600	PG-N	..... do.....	Do.
Steelmaker.....	KOXX	300, 450, 600	PG-X	..... do.....	Do.
Steel Mariner.....	KUVK	300, 600	PG-N	..... do.....	Do.
Steel Ranger.....	KDGL	300, 450, 600	PG-X	..... do.....	C. & W.
Steel Trader.....	KUVL	300, 450, 600	PG-N	..... do.....	R. C. of A.
Steel Voyager.....	KUFN	300, 450, 600	PG-X	..... do.....	Owner of vessel.
Steel Worker.....	KDBJ	300, 450, 600	PG-X	..... do.....	S. O. R. S.
Stephen R. Jones.....	KXX	300, 450, 600	PG-X	Crowell & Thurlow S. S. Co.....	Do.
Stockton.....	KDDS	300, 600	PG-X	U. S. S. B.....	Garland S. S. Corp.....
Stonewall.....	KDOV	300, 600	PG-X	.....	.....

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Storm King.....	KDJM	300,600	PG-N	U. S. S. B.....	R. C. of A.
Storm King.....	KOGM	300,600	PG-X	Rolph Navigation & Coal Co.	Owner of vessel.
Suboatco.....	KURZ	300,600	PG-X	Submarine Boat Corp.....	R. C. of A.
Sucrosa.....	KNS	300,450,600	PG-X	Cuba Distilling Co.	Submarine Boat Corp.
Sucubaco.....	KDQL	300,600	PG-X	Submarine Boat Corp.	Submarine Boat Corp.
Sudawsonco.....	KDFJ	300,450,600	PG-X	Shawmut S. S. Co.	Transmarine Corp.
Sudbury.....	KRZ	300,450,600	PG-X	Submarine Boat Corp.	R. C. of A.
Sudufco.....	KDDO	300,600	PG-X	Submarine Boat Corp.	Transmarine Corp.
Sudureo.....	KDEY	300,450,600	PG-X	.....do.....	R. C. of A.
Suedco.....	KUSB	300,600	PG-X	.....do.....	Do.
Suelco.....	KUZJ	300,600	PG-X	.....do.....	Do.
Suffolk.....	WRS	300,450,600	PG-X	Coastwise Transportation Co.	Transmarine Corp.
Sugillenco.....	KDLS	300,600	PG-X	Submarine Boat Corp.	R. C. of A.
Suholco.....	KUZF	300,450,600	PG-X	.....do.....	Do.
Sujameco.....	KDLF	300,600	PG-X	.....do.....	Transmarine Corp.
Sujerseyco.....	KDNH	300,600	PG-X	.....do.....	I. W. T. Co.
Sulanferco.....	KDFI	300,450,600	PG-X	.....do.....	Transmarine Corp.
Sumanoco.....	KDDH	300,600	PG-X	.....do.....	Do.
Summerleaf.....	KUGR	300,600	PG-X	U. S. S. B.	S. O. R. S.
Sun.....	KTU	300,600	PG-X	Sun Co.	R. C. of A.
Sunbeam.....	KODC	300,600	PG-X	.....do.....	Do.
Sundance.....	KORD	300,600	PG-X	U. S. S. B.	I. W. T. Co.
Sunelsco.....	KUSC	300,450,600	PG-X	Submarine Boat Corp.	Transmarine Corp.
Sunewarkco.....	KDNI	300,600	PG-X	.....do.....	Do.
Sunewco.....	KDBR	300,450,600	PG-X	.....do.....	Do.
Sunelite.....	KPQ	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Sunoil.....	KWP	300,450,600	PG-X	Sun Co.	Do.
Sunshine.....	KOFG	300,450,600	PG-X	.....do.....	Do.
Sunungentco.....	KDNX	300,600	PG-X	Submarine Boat Corp.	Transmarine Corp.
Suphenco.....	KDRP	300,600	PG-X	.....do.....	R. C. of A.
Suporteo.....	KUZK	300,600	PG-X	.....do.....	Do.
Surailco.....	KDBS	300,600	PG-X	.....do.....	Do.
Suremico.....	KDHB	300,600	PG-X	.....do.....	Do.
Surichoo.....	KDHA	300,600	PG-X	.....do.....	Do.
Surico.....	KDDP	300,600	PG-X	.....do.....	Transmarine Corp.
Suriname.....	KLI	300,450,600	PG-N	United Fruit Co.	T. R. T. Co.
Suruga.....	KGD	300,450,600	PG-X	Barber & Co.	R. C. of A.
Susana.....	KNX	300,600	PG-X	F. I. A. T. Corp.	Do.
Susama II.....	KEMG	300,450,525, 600	PG-X	Madrigal & Co.	Owner of vessel.
Susecolano.....	KDFK	300,450,600	PG-X	Submarine Boat Corp.	Transmarine Corp.
Susherico.....	KDDQ	300,600	PG-X	.....do.....	Do.
Suspearco.....	KDPC	300,600	PG-X	.....do.....	R. C. of A.
Susquehanna.....	KOLN	300,450,600	PG-N	U. S. S. B.	Do.
Susquehanna.....	WEM	300,450,600	PG-X	Susquehanna S. S. Co.	Transmarine Corp.
Sutermco.....	KDDI	300,450,600	PG-X	Submarine Boat Corp.	S. O. R. S.
Sutherland.....	WTJ	300,476,600	PG-X	U. S. S. B.	R. C. of A.
Sutorpeo.....	KDBQ	300,600	PG-X	Submarine Boat Corp.	I. W. T. Co.
Sutransco.....	KUZG	300,600	PG-X	.....do.....	Do.
Suwarincos.....	KDLD	300,600	PG-X	.....do.....	R. C. of A.
Suiwed.....	KOXC	300,600	PG-X	U. S. S. B.	Do.
Suwordenco.....	KDLE	300,600	PG-X	Submarine Boat Corp.	R. C. of A.
S. V. Harkness.....	KEU	300,450,600	PG-X	Standard Oil Co. of N. J.	Do.
Swift Arrow.....	KDOS	300,600	PG-X	U. S. S. B.	R. C. of A.
Swiftfeagle.....	KDRK	300,450,600	PG-X	.....do.....	Do.
Swiftflight.....	KDSA	300,450,600	PG-X	.....do.....	Do.
Swift Scout.....	KDQV	300,450,600	PG-X	.....do.....	Do.
Swiftstar.....	KDPF	300,600	PG-X	.....do.....	Do.
Swiftsure.....	KDNG	300,450,600	PG-X	.....do.....	Do.
Swift Wind.....	KDSI	300,600	PG-X	.....do.....	Do.
Sylvan Arrow.....	KSX	300,450,600	PG-X	Standard Transportation Co.	S. O. R. S.
Syros.....	KDEC	300,600	PG-X	U. S. S. B.	R. C. of A.
Tamesi.....	WTE	300,458,600	PG-X	Sinclair Navigation Co.	Do.
Tampa.....	KOVX	300,450,600	PG-X	U. S. S. B.	R. C. of A.
Tampico.....	KOXR	300,600	PG-X	Crowell & Thurlow.	Owner of vessel.
Tanamo.....	KVN	300,450,600	PG-X	Atlantic Fruit Co.	I. W. T. Co.
Tancarville.....	KUKM	300,600	PG-X	Philippine Vegetable Oil Co.	R. C. of A.
Tartar.....	KEKS	300,600	PG-X	U. S. S. B.	S. O. R. S.
Tasco.....	KFT	300,600	PG-X	T. A. Scott Co.	Owner of vessel.
Tashmoo.....	KOXD	300,600	PG-X	U. S. S. B.	I. W. T. Co.
Tatooth.....	WPE	300,600	PG-X	Henry C. Peterson.	Owner of vessel.
Tecomate.....	KDST	300,600	PG-X	Kyle & Purdy.	R. C. of A.
Tekoa.....	KOXF	300,600	PG-X	U. S. S. B.	S. O. R. S.
Tenafly.....	KOZF	300,600	PG-N	.....do.....	Do.
Teresa.....	WJF	300,450,600	PG-N	.....do.....	R. C. of A.
Terre Haute.....	KOPJ	300,600	PG-X	.....do.....	Owner of vessel.
Texan.....	WKT	300,600	PG-X	American-Hawaiian S. S. Co.	R. C. of A.
Texarkana.....	KOCD	300,600	PG-X	U. S. S. B.	I. W. T. Co.
Texas.....	KUM	300,450,600	PG-X	Texas Co.	.....do.....

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Thala.....	KIQQ	300, 600	PG-X	U. S. S. B.....	
The Angeles.....	KUJD	300, 450, 600	PG-X	.....do.....	R. C. of A.
The Harvester.....	WCR	300, 600	PG-X	International Harvester Co.	Do.
The Lambs.....	KEBZ	300, 600	PG-N	U. S. S. B.....	I. W. T. Co.
The Limit.....	WCV	300, 600	PG-X	Whitney Bros. Co.....	R. C. of A.
Theodore Roosevelt.....	WCT	300, 600	PG-X	Cleveland-Erie S. S. Co.....	Do.
Theodore F. Reynolds.....	KDDG	300, 600	PG-X	Steamship Theodore F. Reynolds Corp.	C. & W.
Thomas Crowley.....	KDSD	300, 600	PG-X	Andrew F. Mahony.....	
Thomas H. Wheeler.....	KDOR	300, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Thorobred.....	KYZ	300, 600	PG-X	Dutee W. Flint.....	
"323".....	KDTH	300, 600	PG-X	John B. Paine.....	
Tidewater.....	KOU	300, 450, 600	PG-N	Green Star S. S. Corp.....	
Tiger.....	KIT	300, 450, 600	PG-X	Standard Transportation Co.	
Tillamook.....	WMOA	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Tionesta.....	WCA	300, 600	PG-N	Erie & Western Transp. Co.	R. C. of A.
Tippicanoe.....	KUXL	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Tipton.....	WQOA	300, 600	PG-X	.....do.....	Do.
Tivives.....	KMI	300, 600	PG-N	United Fruit Co.....	T. R. T. Co.
Toiler.....	WTOO	300, 600	PG-X	U. S. S. B.....	
Toledo Bridge.....	KOXG	300, 600	PG-X	.....do.....	I. W. T. Co.
Tollard.....	KEVX	300, 600	PG-X	.....do.....	Do.
Tolo.....	WQOI	300, 600	PG-N	.....do.....	S. O. R. S.
Tolosa.....	KDAY	300, 600	PG-X	.....do.....	Do.
Tomalva.....	KDFH	300, 600	PG-X	.....do.....	I. W. T. Co.
Toma.....	KOJK	300, 600	PG-X	.....do.....	Do.
Tonesit.....	KOJK	300, 600	PG-X	.....do.....	S. O. R. S.
Toopi.....	KULP	300, 378, 450, 600	PG-X	.....do.....	
Topa Topa.....	KDBB	300, 600	PG-X	.....do.....	Do.
Topila.....	KKE	300, 450, 600	PG-X	Southern Pacific Co.....	Owner of vessel.
Tormenter.....	KFN	300, 600	PG-X	Freeport & Tampico Fuel Oil Transportation Co.	R. C. of A.
Torres.....	KKF	300, 450, 600	PG-X	.....do.....	Owner of vessel.
Toteco.....	KDSU	300, 600	PG-X	Southern Pacific Co.....	
Tours.....	KDJS	300, 600	PG-N	Kyle & Purdy.....	
Transportation.....	KEJX	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Traveller.....	KIVK	300, 600	PG-X	Coastwise Transportation Co.	
Tri Mountain.....	KOQF	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Trinidadian.....	KNO	300, 600	PG-X	.....do.....	I. W. T. Co.
Trinity.....	KDBI	300, 600	PG-N	Gulf Refining Co.....	
Tripp.....	KIMC	300, 600	PG-X	U. S. S. B.....	
Triumph.....	KEND	300, 600	PG-X	.....do.....	Do.
Trontolite.....	KOM	300, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Tuckahoe.....	KJOU	300, 450, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Tukanuck.....	KIMB	300, 600	PG-X	.....do.....	Do.
Tuladi.....	KOXL	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Tulsa.....	KIXR	300, 600	PG-X	.....do.....	R. C. of A.
Tulugas.....	KDRZ	300, 600	PG-X	.....do.....	S. O. R. S.
Tunica.....	WJP	300, 600	PG-N	.....do.....	R. C. of A.
Turrialba.....	KDT	300, 600	PG-N	United Fruit Co.....	T. R. T. Co.
Tuscaloosa City.....	KDLO	300, 600	PG-X	U. S. Steel Products Co.	R. C. of A.
Tuscan.....	KUDC	300, 600	PG-X	Munson S. S. Line.....	I. W. T. Co.
Tuxpanoil.....	KDPQ	300, 600	PG-X	U. S. S. B.....	
Tyee.....	WPC	300, 600	PG-X	Skinner & Eddy Corp.....	
Ulysses.....	KPU	300, 600	PG-N	Panama R. R. Co.....	Owner of vessel.
Undaunted.....	KDSJ	300, 600	PG-X	W. Z. Haskins.....	
Undaunted.....	KYR	300, 600	P-X	France Canada S. S. Co.....	
Unicoi.....	KUQP	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Union Liberty.....	KUNG	300, 600	PG-X	.....do.....	
United States.....	KZU	300, 450, 600	PG-N	E. H. R. Green.....	Owner of vessel.
Utarcarbon.....	KUMC	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Utoka.....	KERK	300, 600	PG-X	.....do.....	S. O. R. S.
Vaba.....	KDIP	300, 600	PG-X	.....do.....	
Vacuum.....	KUTS	300, 450, 600	PG-X	Vacuum Oil Co.....	R. C. of A.
Valdez.....	WAK	300, 600	PG-X	Alaska S. S. Co.....	S. O. R. S.
Vallonia.....	KULR	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Vanada.....	KOBF	300, 600	PG-X	.....do.....	Do.
Van Camp No. II.....	KDAK	300, 600	PG-X	Fish Canners Co.....	S. O. R. S.
Vancolite.....	KDRG	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Velero.....	WHV	300, 600	PG-X	G. Allan Hancock.....	Owner of vessel.
Venetia.....	WOW	300, 600	PG-X	John D. Spreckles.....	Do.
Venezuela.....	WBG	300, 600, 1800	PG-N	Pacific Mail S. S. Co.....	F. T. Co.
Ventura.....	WHL	300, 600, 1800	PG-N	Oceanic S. S. Co.....	Do.
Vesta.....	KTS	300, 450, 600	PG-X	Standard Oil Co.....	R. C. of A.
Vicksburg.....	KDSC	300, 600	PG-X	Charles Ward Engineering Wks.	
Victoria.....	WAD	300, 450, 525, 600	PG-N	Alaska S. S. Co.....	S. O. R. S.
Victorious.....	WXIA	300, 450, 600	PG-X	U. S. S. B.....	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Vigilant.....	KOZP	300, 450, 600	PG-X	E. K. Wood Lumber Co.....	Owner of vessel.
Vincennes Bridge.....	KOXM	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Vincent.....	KIZS	300, 600	PG-N	.....do.....	Do.
Vinita.....	KOTL	300, 450, 600	PG-X	.....do.....	R. C. of A.
Vinton County.....	KORQ	300, 600	PG-X	.....do.....	I. W. T. Co.
Virginia.....	KUV	300, 450, 600	PG-X	Texas Co.....	Do.
Virginia Bridge.....	KUCF	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Virginian.....	WKV	300, 600	PG-X	American-Haw... S. S. Co.....	Owner of vessel.
Vittorio Emmanuel III.....	KDJF	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Vizcaya.....	WSQ	300, 600	PG-X	.....	.....
Volant.....	KDON	300, 600	PG-X	Davidson Chemical Co.....	Do.
Volunteer.....	WFAO	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Von Steuben.....	KOXP	300, 600	PG-X	.....do.....	Do.
Waban.....	KJT	300, 450, 600	PG-X	.....do.....	R. C. of A.
Wabash.....	WNC	300, 600	PG-X	French-American Line.....	Do.
Wachusetts.....	WJL	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Waco.....	KIRP	300, 600	PG-X	.....do.....	Do.
Wacosta.....	KDLM	300, 450, 600, 1800	PG-X	.....do.....	S. O. R. S.
Wahkeena.....	WMS	300, 600	PG-X	Wahkeena S. S. Co.....	R. C. of A.
Wakulla.....	KRUO	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Walden.....	KIGG	300, 600	PG-X	.....do.....	R. C. of A.
Wallingford.....	KEPV	300, 476, 600	PG-X	.....do.....	Do.
Wallkill.....	KIPD	300, 600	PG-X	.....do.....	Do.
Wallowa.....	KQAI	300, 600	PG-X	.....do.....	S. O. R. S.
Wallula.....	WPY	300, 450, 600	PG-X	Port of Portland, Oreg.....	Do.
Walter A. Luckenbach.....	KJIE	300, 600	PG-N	Luckenbach S. S. Co.....	Do.
Walter D. Munson.....	KVJ	300, 450, 600	PG-X	Munson S. S. Co.....	R. C. of A.
Walter D. Noyes.....	KDY	300, 600	PG-X	Crowell & Thurlow S. S. Co.....	Do.
Walter Hardecaste.....	KQB	300, 600	PG-X	Sinclair Gulf Corporation Co.....	Do.
Walter Jennings.....	KDPL	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	I. W. T. Co.
Wampum.....	KROI	300, 450, 600	PG-X	U. S. S. B.....	Owner of vessel.
Wana.....	KYX	300, 600	P-X	George C. Sherman.....	R. C. of A.
Wapama.....	WMG	300, 600	PG-X	Wapama S. S. Co.....	S. O. R. S.
Warbler.....	KDKR	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Ward.....	KDQB	300, 600	PG-X	.....do.....	Owner of vessel.
Warszawa.....	WLM	300, 600	PG-N	Polish-American Nav. Corp.....	F. T. Co.
Warwick.....	KESX	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Washtenaw.....	WPOO	300, 600	PG-X	Union Oil S. S. Co.....	S. O. R. S.
Wassaic.....	KROO	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Watauga.....	WQT	300, 600	PG-X	.....do.....	Owner of vessel.
Waterbury.....	KUPT	300, 450, 600	PG-X	.....do.....	R. C. of A.
Watertown.....	KING	300, 600	PG-X	.....do.....	I. W. T. Co.
Watrena.....	WDIE	300, 600	PG-X	.....do.....	S. O. R. S.
Waterton.....	WDII	300, 600	PG-X	.....do.....	Do.
Waubesa.....	WGOO	300, 450, 600	PG-X	.....do.....	Do.
Wauconda.....	WREE	300, 600	PG-X	.....do.....	I. W. T. Co.
Waukau.....	KIDV	300, 600	PG-N	.....do.....	S. O. R. S.
Waukegan.....	KIDX	300, 600	PG-X	.....do.....	I. W. T. Co.
Waukesha.....	KKEO	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Wauwatosa.....	KUCK	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Walawona.....	KEXM	300, 600	PG-X	.....do.....	I. W. T. Co.
Waxahachie.....	KILM	300, 600	PG-X	.....do.....	R. C. of A.
W. B. Keene.....	KWK	300, 600	PG-X	Savannah-New York Tran. Co.....	Do.
W. C. Teagle.....	KTY	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Wekika.....	KIXX	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Wellington.....	KMR	300, 450, 600	PG-X	Henry W. Cook.....	R. C. of A.
Wenatchee.....	KDOT	300, 450, 600, 1800	PG-N	U. S. S. B.....	S. O. R. S.
West Alcoz.....	KIDD	300, 600	PG-X	.....do.....	I. W. T. Co.
West Alsek.....	KJUO	300, 600	PG-N	.....do.....	Do.
West Amargosa.....	KEJS	300, 600	PG-X	.....do.....	Do.
West Apaum.....	KJUU	300, 600	PG-N	.....do.....	S. O. R. S.
West Arrow.....	WKS	300, 600	PG-X	.....do.....	Do.
West Ashawa.....	KFH	300, 600	PG-X	.....do.....	Do.
West Avenal.....	KENG	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Westboro.....	KDJH	300, 450, 600	PG-X	.....do.....	R. C. of A.
West Bridge.....	KJOO	300, 600	PG-X	.....do.....	S. O. R. S.
Westbrook.....	WLI	300, 600	PG-X	.....do.....	Do.
West Cactus.....	KIVV	300, 600	PG-X	.....do.....	I. W. T. Co.
West Caddo.....	KODF	300, 600	PG-X	.....do.....	Do.
West Cadron.....	KUDK	300, 600	PG-X	.....do.....	West Cahokia.....
West Cahokia.....	KUPJ	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
West Cajoot.....	KEXX	300, 476, 600	PG-X	.....do.....	R. C. of A.
West Calera.....	KUMM	300, 450, 600	PG-X	.....do.....	S. O. R. S.
West Calumb.....	KILT	300, 600	PG-X	.....do.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by
West Camak.....	KUST	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
West Camargo.....	KDBL	300, 450, 600	PG-X	.....do.....	Do.
West Campgaw.....	KUFR	300, 450, 600	PG-X	.....do.....	S. O. R. S.
West Canon.....	KDCV	300, 600	PG-X	.....do.....	Do.
West Cape.....	WXEO	300, 600	PG-N	.....do.....	I. W. T. Co.
West Carmona.....	KDFW	300, 600	PG-X	.....do.....	S. O. R. S.
West Carnifax.....	KEFC	300, 450, 600	PG-X	.....do.....	R. C. of A.
West Caruth.....	KESJ	300, 600	PG-N	.....do.....	I. W. T. Co.
West Catanae.....	KEE	300, 600	PG-N	Elder Steel S. S. Co.....	S. O. R. S.
West Cavalan.....	KIFD	300, 600	PG-X	Imperial Shipping Corp.....	R. C. of A.
West Cawthon.....	KILZ	300, 600	PG-N	.....do.....	Do.
West Cayote.....	KIRF	300, 600	PG-N	U. S. S. B.....	I. W. T. Co.
West Celeron.....	KKJ	300, 600	PG-X	.....do.....	R. C. of A.
West Celina.....	KEZR	300, 450, 600	PG-X	.....do.....	S. O. R. S.
West Chatala.....	KIPJ	300, 600	PG-N	.....do.....	Do.
West Cherow.....	KJM	300, 600	PG-X	.....do.....	R. C. of A.
Westchester.....	WCL	300, 476, 600	PG-X	.....do.....	S. O. R. S.
West Cheswald.....	KIXB	300, 600	PG-X	.....do.....	I. W. T. Co.
West Chetac.....	KIMG	300, 600	PG-N	.....do.....	S. O. R. S.
West Coast.....	KRAA	300, 600	PG-N	.....do.....	Do.
West Cobalt.....	KEKD	300, 600	PG-N	.....do.....	R. C. of A.
West Cohas.....	NKAE	300, 600	PG-X	.....do.....	S. O. R. S.
West Compo.....	KENJ	300, 600	PG-X	.....do.....	I. W. T. Co.
West Conob.....	KIFP	300, 476, 600	PG-X	.....do.....	S. O. R. S.
West Corum.....	KEVD	300, 600	PG-X	.....do.....	I. W. T. Co.
West Cressy.....	WGOU	300, 600	PG-N	.....do.....	S. O. R. S.
West Cusseta.....	KDIK	300, 600	PG-X	.....do.....	Do.
West Durfee.....	KJAI	300, 378, 600	PG-X	.....do.....	I. W. T. Co.
West Eagle.....	WQZ	300, 600	PG-N	.....do.....	S. O. R. S.
West Ekonk.....	KQIU	300, 600	PG-X	.....do.....	I. W. T. Co.
West Elcajon.....	KELK	300, 450, 600	PG-X	.....do.....	S. O. R. S.
West Elcasco.....	WJOA	300, 600	PG-N	.....do.....	I. W. T. Co.
West Eldara.....	WJOE	300, 600	PG-N	.....do.....	Do.
Western Ally.....	KEJF	300, 600	PG-N	.....do.....	S. O. R. S.
Western Belle.....	WKUI	300, 600	PG-N	.....do.....	I. W. T. Co.
Western Chief.....	KNAO	300, 420, 600	PG-X	.....do.....	S. O. R. S.
Western City.....	KNAI	300, 600	PG-X	.....do.....	I. W. T. Co.
Western Comet.....	WXEI	300, 600	PG-N	.....do.....	S. O. R. S.
Western Cross.....	KTEE	300, 600	PG-N	.....do.....	R. C. of A.
Westerner.....	KIK	300, 600	PG-X	.....do.....	Do.
Western Front.....	WJQ	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Western Glen.....	KEDR	300, 378, 600	PG-N	.....do.....	I. W. T. Co.
Western Hero.....	KIU	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Western Hope.....	WFIA	300, 600	PG-X	.....do.....	R. C. of A.
Western King.....	WEP	300, 600	PG-X	.....do.....	Do.
Western Knight.....	KEFQ	300, 600	PG-X	.....do.....	S. O. R. S.
Western Light.....	KQOI	300, 600	PG-X	.....do.....	I. W. T. Co.
Western Maid.....	KQOO	300, 450, 600	PG-N	.....do.....	S. O. R. S.
Western Ocean.....	KJEA	300, 600	PG-N	.....do.....	R. C. of A.
Western Plains.....	WZIU	300, 450, 600	PG-N	.....do.....	S. O. R. S.
Western Pride.....	WGT	300, 600	PG-X	.....do.....	I. W. T. Co.
Western Queen.....	WWK	300, 600	PG-X	.....do.....	R. C. of A.
Western Scout.....	WXEA	300, 600	PG-N	.....do.....	I. W. T. Co.
Western Sea.....	KNAA	300, 600	PG-X	.....do.....	Do.
Western Spirit.....	KNEA	300, 600	PG-X	.....do.....	Do.
Western Star.....	WEU	300, 600	PG-X	.....do.....	Do.
Western States.....	WED	300, 440, 500, 600	PG-N	Detroit & Cleveland Navigation Co.	R. C. of A.
Western Wave.....	WWC	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
West Erral.....	KERJ	300, 600	PG-N	.....do.....	R. C. of A.
West Faralon.....	KDSX	300, 600	PG-X	.....do.....	I. W. T. Co.
Westfield.....	KXU	300, 600	PG-X	.....do.....	S. O. R. S.
Westford.....	KNAU	300, 600	PG-X	.....do.....	I. W. T. Co.
West Galoc.....	WFAE	300, 600	PG-X	.....do.....	Do.
West Gambo.....	KVEI	300, 600	PG-X	.....do.....	S. O. R. S.
West Gumbo.....	KQUU	300, 600	PG-N	.....do.....	R. C. of A.
West Gotomska.....	WET	300, 600	PG-N	.....do.....	Do.
West Grama.....	WGIA	300, 600	PG-N	.....do.....	S. O. R. S.
West Grove.....	KJAU	300, 450, 600	PG-X	.....do.....	R. C. of A.
Westhampton.....	WSP	300, 378, 600	PG-X	.....do.....	Do.
West Harcuvar.....	KEZM	300, 600	PG-X	.....do.....	S. O. R. S.
West Hardaway.....	KEDX	300, 600	PG-X	.....do.....	I. W. T. Co.
West Hargrave.....	KEDZ	300, 600	PG-X	.....do.....	S. O. R. S.
West Harlan.....	KEFS	300, 600	PG-X	.....do.....	I. W. T. Co.
West Harshaw.....	KEFX	300, 450, 600	PG-X	.....do.....	S. O. R. S.
West Hartland.....	KEGS	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
West Hartley.....	KEGT	300, 600	PG-X	.....do.....	S. O. R. S.
West Harts.....	KEFZ	300, 600	PG-X	.....do.....	I. W. T. Co.
West Hassayampa.....	KEGX	300, 600	PG-X	.....do.....	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
West Haven.....	KJV	300, 450, 525, 600	PG-X	U. S. S. B.....	S. O. R. S.
West Helix.....	WSUA	300, 600	PG-X	do.....	I. W. T. Co.
West Hematite.....	KEZP	300, 600	PG-N	do.....	R. C. of A.
West Hembrie.....	KEZN	300, 600	PG-N	do.....	S. O. R. S.
West Henshaw.....	KEBQ	300, 476, 600	PG-X	do.....	Do.
West Hepburn.....	KINP	300, 600	PG-X	do.....	I. W. T. Co.
West Hesseltine.....	KOTN	300, 600	PG-X	do.....	S. O. R. S.
West Hika.....	KOZK	300, 600	PG-X	do.....	Do.
West Himrod.....	KUDQ	300, 600	PG-X	do.....	I. W. T. Co.
West Hixon.....	KUKV	300, 600	PG-X	do.....	S. O. R. S.
West Hobomac.....	WFAI	300, 600	PG-X	do.....	I. W. T. Co.
West Holbrook.....	KUXB	300, 450, 600	PG-X	do.....	S. O. R. S.
West Honaker.....	KDFX	300, 600	PG-X	do.....	I. W. T. Co.
West Hosokie.....	WFEI	300, 600	PG-N	do.....	S. O. R. S.
West Humhaw.....	WZAE	300, 600	PG-N	do.....	Do.
West Imboden.....	KECX	300, 600	PG-X	do.....	R. C. of A.
West Indian.....	KJAE	300, 600	PG-X	do.....	Do.
West Inskip.....	KITZ	300, 600	PG-X	do.....	Do.
West Ira.....	KOGL	300, 476, 600	PG-X	do.....	I. W. T. Co.
West Irmo.....	KIFB	300, 600	PG-X	Imperial Shipping Corp.	Do.
West Islay.....	KICP	300, 600	PG-X	do.....	Do.
West Isleta.....	KICQ	300, 600	PG-X	do.....	I. W. T. Co.
West Islip.....	KIKX	300, 600	PG-X	U. S. S. B.....	R. C. of A.
West Ison.....	KINN	300, 600	PG-X	do.....	Do.
West Ivan.....	KOZS	300, 600	PG-X	do.....	I. W. T. Co.
West Ivis.....	KOQQ	300, 600	PG-X	do.....	R. C. of A.
West Jaffrey.....	KOCX	300, 450, 600	PG-X	do.....	I. W. T. Co.
West Jappa.....	KUKJ	300, 450, 600	PG-X	do.....	R. C. of A.
West Jena.....	KOTG	300, 450, 600	PG-X	do.....	I. W. T. Co.
West Jessup.....	KOXS	300, 450, 600	PG-X	do.....	R. C. of A.
West Jester.....	KUDG	300, 600	PG-X	do.....	I. W. T. Co.
West Kader.....	KOSL	300, 600	PG-X	do.....	S. O. R. S.
West Kasson.....	KIKM	300, 600	PG-X	do.....	Do.
West Katan.....	KOBK	300, 450, 600	PG-X	do.....	Do.
West Keats.....	KUQK	300, 450, 600	PG-X	do.....	Do.
West Kebar.....	KDAN	300, 600	PG-N	do.....	R. C. of A.
West Kedron.....	KDAP	300, 450, 600	PG-X	do.....	Do.
West Keene.....	KISK	300, 600	PG-X	do.....	Do.
West Kyska.....	WJOU	300, 600	PG-X	do.....	S. O. R. S.
West Lake.....	WTH	300, 600	PG-N	do.....	I. W. T. Co.
Westland.....	KDOY	300, 450, 600	PG-X	Tri-State S. S. Co.	R. C. of A.
Westland.....	KJX	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
West Lashaway.....	WREA	300, 600	PG-N	do.....	Do.
West Lewark.....	KDSN	300, 600	PG-X	do.....	I. W. T. Co.
West Liang.....	KJAO	300, 376, 600	PG-X	do.....	S. O. R. S.
West Loquassuck.....	WJOI	300, 600	PG-X	do.....	I. W. T. Co.
West Madakat.....	WJOO	300, 600	PG-N	do.....	S. O. R. S.
West Mahomet.....	WTUU	300, 600	PG-N	do.....	I. W. T. Co.
West Mahwah.....	KUTC	300, 450, 600	PG-X	do.....	Do.
West Maximums.....	KEDQ	300, 600	PG-X	do.....	S. O. R. S.
Westmead.....	WDIO	300, 600	PG-X	do.....	I. W. T. Co.
West Mingo.....	KORB	300, 600	PG-X	do.....	R. C. of A.
West Modus.....	KENK	300, 600	PG-X	do.....	S. O. R. S.
West Montop.....	KOTR	300, 600	PG-X	do.....	I. W. T. Co.
Westmoreland.....	KIQC	300, 600	PG-N	do.....	R. C. of A.
Westmount.....	KDJG	300, 600	PG-X	do.....	I. W. T. Co.
West Munham.....	KEXF	300, 600	PG-X	do.....	S. O. R. S.
West Neris.....	KOTK	300, 600	PG-X	do.....	R. C. of A.
West Niger.....	KOZJ	300, 476, 600	PG-X	do.....	S. O. R. S.
West Nilus.....	KUFJ	300, 450, 600	PG-X	do.....	I. W. T. Co.
West Nivaria.....	KUQJ	300, 450, 600	PG-X	do.....	R. C. of A.
West Nohno.....	KEXG	300, 600	PG-X	do.....	I. W. T. Co.
West Nomentum.....	KUSG	300, 600	PG-X	do.....	R. C. of A.
West Norranus.....	KUVZ	300, 600	PG-X	do.....	S. O. R. S.
West Noska.....	KEDV	300, 600	PG-X	do.....	R. C. of A.
West Notus.....	KDAM	300, 600	PG-X	do.....	I. W. T. Co.
West Stoil.....	KIVP	300, 600	PG-X	Edward P. Farley Co.	S. O. R. S.
West O'Rowa.....	KDQI	300, 600	PG-X	U. S. S. B.....	R. C. of A.
West Pocasset.....	KOCK	300, 600	PG-X	do.....	Do.
West Point.....	KJY	300, 450, 600	PG-N	Neptune Line.....	R. C. of A.
Westpool.....	WROA	300, 450, 600	PG-N	do.....	Da.
Westport.....	WFEO	300, 450, 600	PG-X	U. S. S. B.....	Do.
West Quechee.....	KEDT	300, 600	PG-X	do.....	Do.
West Raritan.....	KIXC	300, 600	PG-X	do.....	I. W. T. Co.
West Saginaw.....	KOCV	300, 600	PG-X	do.....	S. O. R. S.
West Segovia.....	KIPK	300, 600	PG-X	do.....	I. W. T. Co.
West Selene.....	KIXZ	300, 600	PG-X	do.....	Do.
West Sequana.....	WSOI	300, 450, 600	PG-X	do.....	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
West Shore.....	WMD	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
West Taccook.....	KECR	300, 600	PG-X	.....do.....	I. W. T. Co.
West Togus.....	KEXJ	300, 600	PG-X	.....do.....	S. O. R. S.
West Totant.....	KEXK	300, 600	PG-X	.....do.....	I. W. T. Co.
West Vacca.....	KEMX	300, 600	PG-X	.....do.....	R. C. of A.
West View.....	WDIU	300, 600	PG-N	.....do.....	S. O. R. S.
Westward Ho.....	WKX	300, 600	PG-X	.....do.....	R. C. of A.
West Wauna.....	WSUE	300, 450, 600	PG-X	.....do.....	S. O. R. S.
West Wauneke.....	WSUI	300, 600	PG-X	.....do.....	I. W. T. Co.
Westwego.....	KGE	300, 450, 600	PG-X	Union Petroleum S. S. Co.....	R. C. of A.
West Wind.....	KJH	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Westwood.....	WTF	300, 450, 600	PG-N	.....do.....	Do.
West Zeda.....	WKUU	300, 600	PG-X	.....do.....	I. W. T. Co.
West Zucker.....	WJIA	300, 600	PG-X	.....do.....	S. O. R. S.
West Zula.....	WQEO	300, 600	PG-X	.....do.....	I. W. T. Co.
W. F. Burrows.....	WHG	300, 450, 550, 600	PG-X	Libby, McNeill & Libby.....	S. O. R. S.
W. F. White.....	WGC	300, 600	PG-X	Limestone Transportation Co.	R. C. of A.
Wheatland Mon-tana.....	KISF	300, 600	PG-X	U. S. S. B.....	Do.
Wheaton.....	WMUA	300, 600	PG-N	.....do.....	Do.
Wheeling Mold.....	KUNM	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Whitemarsh.....	KOMG	300, 600	P-X	E. W. Marland.....	Owner of vessel.
Whittier.....	WHT	300, 600, 1800	PG-X	T. A. Hays.....	F. T. Co.
W. H. Libby.....	KDMP	300, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
W. H. McGean.....	WMIO	300, 600	PG-X	Stadacona S. S. Co.....	Do.
W. H. Tilford.....	KPD	300, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Wicasta.....	KIJG	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Wichita.....	KDMU	300, 600	PG-X	.....do.....	R. C. of A.
Wico.....	KNN	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	S. O. R. S.
Wildwood.....	KORV	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Wilhelmina.....	WMO	300, 450, 600	PG-N	Matson Navigation Co.....	Do.
Willamette.....	WSW	300, 600	PG-N	Willamette S. S. Co.....	S. O. R. S.
Williett.....	KDKS	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Willfaro.....	KITX	300, 600	PG-X	Williams S. S. Co.....	Do.
Willihilo.....	KUGV	300, 450, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Willsolo.....	KUDL	300, 600	PG-X	.....do.....	R. C. of A.
William A. McKen-ney.....	WOM	300, 600	PG-X	Crowell & Thurlow S. S. Co.....	Do.
William A. Reiss.....	WNI	300, 600	PG-X	Reiss S. S. Co.....	Do.
William A. Whit-ney.....	KUSS	300, 600	PG-X	Whitney Bros. Co.....	Do.
William B. Liv-ingstone.....	KDAQ	300, 600	PG-X	Montreal Transit Co.....	Do.
William G. Mather.....	KKUI	300, 450, 600	PG-X	Cleveland Cliffs Iron Co.....	Do.
William Green.....	WIY	300, 450, 600	PG-X	Pan-Amer. Petro. & Tr. Co.....	Do.
William H. Doheny.....	KDKG	300, 450, 600	PG-X	.....do.....	Do.
William H. Webb.....	KOZV	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
William Isom.....	KVY	300, 450, 600	PG-X	American-Italian S. S. Co.....	R. C. of A.
William M. Mills.....	KEJT	300, 600	PG-X	William M. Mills.....	Owner of vessel.
William N. Page.....	WF00	300, 450, 600	PG-X	Castner, Curran & Bullitt.....	R. C. of A.
William Penn.....	KDGV	300, 600	PG-X	U. S. S. B.....	Do.
Williamantic.....	KMIO	300, 600	PG-N	.....do.....	S. O. R. S.
Willpolo.....	KOBM	300, 600	PG-X	Williams S. S. Co.....	R. C. of A.
Wilscox.....	WPAO	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Windber.....	WND	300, 450, 600	PG-N	Pacific-American Fisheries.....	R. C. of A.
Winding Gulf.....	WFEE	300, 600	PG-X	Castner, Curran & Bullitt.....	Do.
Winifred.....	KTE	300, 600	PG-X	Gulf Refining Co.....	I. W. T. Co.
Winnebago.....	KTEI	300, 450, 525, 600	PG-X	American Transatlantic Co.....	Owner of vessel.
Winneconne.....	KDFY	300, 600	PG-X	Winneconne S. S. Corp.....	R. C. of A.
Winona.....	KUNV	300, 600	PG-X	U. S. S. B.....	Do.
Winona County.....	KIZR	300, 600	PG-N	.....do.....	S. O. R. S.
Winston-Salem.....	KUJS	300, 600	PG-X	.....do.....	R. C. of A.
Winyah.....	KIMM	300, 450, 600	PG-X	.....do.....	Owner of vessel.
Wisconsin Bridge.....	KIBM	300, 600	PG-X	American S. S. Corp.....	S. O. R. S.
Wisdom II.....	KDNM	300, 600	PG-X	E. A. Salisbury.....	R. C. of A.
Wishkah.....	KNEU	300, 600	PG-X	U. S. S. B.....	Do.
Wisla.....	KOTP	300, 450, 600	PG-X	Polish-American Nav. Corp.....	R. C. of A.
W. J. Hanna.....	KDKX	300, 600	PG-X	Standard Oil Co. of N. J.....	Do.
W. L. Steed.....	WSEE	300, 450, 600	PG-X	U. S. S. B.....	Do.
Wm. B. o y c e Thompson.....	KDHS	300, 600	PG-X	.....do.....	Do.
W. M. Burton.....	KMIU	300, 600	PG-X	Atlantic Refining Co.....	Do.
Wm. F. Herrin.....	WTN	300, 600, 1800	PG-X	Associated Oil Co.....	F. T. Co.
Wm. G. Warden.....	KNF	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
W. M. Irish.....	KJOE	300, 600	PG-X	Atlantic Refining Co.....	Do.
W. M. Tupper.....	WJR	300, 600	PG-X	Gulf & Southern S. S. Co.....	Do.
Wolverine State.....	KDMQ	300, 450, 600	PG-N	U. S. S. B.....	Do.

**COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.**

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Woodmansie.....	KIPF	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Woonsocket.....	WCW	300, 450, 600	PG-X	.....do.....	R. C. of A.
Worcester.....	KIKL	300, 600	PG-X	.....do.....	S. O. R. S.
Wotan.....	KDGE	300, 600	PG-X	.....do.....	
W. S. Miller.....	KDMR	300, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
W. S. Porter.....	WTM	300, 600, 1800	PG-X	Associated Oil Co.....	F. T. Co.
Wyandotte.....	WCO	300, 600	PG-X	Wyandotte Transp. Co.....	R. C. of A.
Wyandotte.....	WJW	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Wynooche.....	KFE	300, 600	PG-X	.....do.....	R. C. of A.
Wytheville.....	KITL	300, 450, 600	PG-N	.....do.....	Do.
Yadkin.....	KWL	300, 600	PG-X	.....do.....	Do.
Yaka.....	KDDF	300, 450, 600	PG-X	.....do.....	I. W. T. Co.
Yaklok.....	KIGX	300, 450, 600	PG-X	.....do.....	Do.
Yale.....	WRY	300, 600	PG-N	Harvard-Yale Syndicate.....	F. T. Co.
Yalza.....	KDJK	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Yamhill.....	WVIE	300, 600	PG-N	.....do.....	I. W. T. Co.
Yankee Arrow.....	KDTG	300, 600	PG-X	Standard Transportation Co.	
Yapalaga.....	KDHK	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Yaquina.....	KENF	300, 450, 600	PG-N	.....do.....	I. W. T. Co.
Yesoking.....	KERQ	300, 600	PG-X	.....do.....	S. O. R. S.
Yomachichi.....	WPAI	300, 600	PG-X	.....do.....	Do.
York Harbor.....	KOJB	300, 600	PG-X	.....do.....	I. W. T. Co.
Yosemite.....	KYS	300, 476, 600	PG-X	.....do.....	R. C. of A.
Yorba Linda.....	KDNS	300, 600	PG-X	General Petroleum Corp.....	I. W. T. Co.
Youngstown.....	KIFX	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Yucatan.....	WLG	300, 450, 600	PG-N	N. Y. & Cuba Mail S. S. Co.	I. W. T. Co.
Yucca.....	KWJ	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Yukon.....	WXEU	300, 600	PG-N	.....do.....	R. C. of A.
Yuma.....	WJAI	300, 600	PG-X	Tropical Fruit Co.....	I. W. T. Co.
Zacape.....	KLE	300, 450, 600	PG-N	United Fruit Co.....	T. R. T. Co.
Zapora.....	WPQ	300, 600	PG-X	Booth Fisheries Co.....	S. O. R. S.
Zaremba.....	KICS	300, 600	PG-X	Nacirema S. S. Corp.....	I. W. T. Co.
Zavalla.....	KEVC	300, 450, 600	PG-X	.....do.....	Do.
Zirkel.....	WREO	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Zulia.....	KDZ	300, 450, 600	PG-N	Atlantic & Caribbean Nav. Co.	

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COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Station.	Call signal.	Station.
KDA	Philadelphia.....b	KDCX	Steel Engineer.....b
KDAB	Hog Island, Pa.....c	KDCY	Elmac.....b
KDAC	Sinasta.....b	KDCZ	Mount Veronon.....b
KDAD	Agewisun.....b	KDD	Cartago.....b
KDAF	Peconic.....b	KDDA	Red Hook.....b
KDAG	M. M. Davis.....b	KDBB	I. C. White.....b
KDAH	Fairport, Va.....c	KDDC	Algic.....b
KDAK	Van Camp No. 11.....b	KDDE	Lorraine Cross.....b
KDAL	Broxton.....b	KDDF	Yaka.....b
KDAM	West Notus.....b	KDDG	Theodore F. Reynolds.....b
KDAN	West Kebar.....b	KDDH	Sumanco.....b
KDAP	West Kedron.....b	KDDI	Sutermco.....b
KDAQ	William B. Livingstone.....b	KDDJ	John English.....b
KDAR	Panhandle State.....b	KDDK	Carlton.....b
KDAS	Siskiyou.....b	KDDL	Hastings.....b
KDAT	Pomona.....b	KDDM	Careno.....b
KDAV	Dartford.....b	KDDN	Steel Exporter.....b
KDAW	City of Fort Worth.....b	KDDO	Suduffco.....b
KDAX	Antinous.....b	KDDP	Surico.....b
KDAY	Tolosa.....b	KDDQ	Susherico.....b
KDAZ	Eastern Exporter.....b	KDDR	Halsey.....b
KDB	Caracas.....b	KDDS	Stockton.....b
KDBA	Depere.....b	KDDT	Derblay.....b
KDBB	Topa Topa.....b	KDDU	Heber.....b
KDBC	Agwimoon.....b	KDDV	Culberson.....b
KDBD	Gold Star.....b	KDDW	Bayspring.....b
KDBF	Eagle.....b	KDDX	Bayside.....b
KDBG	Edris.....b	KDDY	Santa Eulalia.....b
KDBH	Forest King.....b	KDDZ	Cassimir.....b
KDBI	Trinity.....b	KDE	Carrillo.....b
KDBJ	Steel Worker.....b	KDEA	Lake Fernwood.....b
KDBK	Maudie F.....b	KDEB	Gulfstar.....b
KDBL	West Camargo.....b	KDEC	Syros.....b
KDBM	Meton.....b	KDED	Eastern Soldier.....b
KDBN	Cananova.....b	KDEM	Baytown.....b
KDBO	Snoqualmie.....b	KDEN	Dearborn, Mich.....e
KDBP	Chester Kiwanis.....b	KDEP	Northville, Mich.....e
KDBQ	Sutorproo.....b	KDEQ	Hoboken.....b
KDBR	Sunewco.....b	KDER	Carababelle.....b
KDBS	Suralico.....b	KDES	Carplaka.....b
KDBT	Durango.....b	KDET	Geo. L. Harvey.....b
KDBU	Haymon.....b	KDEV	Gladysbe.....b
KDBV	Santa Isabel.....b	KDEFW	Philip Publicker.....b
KDBW	Sawokla.....b	KDEX	Cody.....b
KDBX	Mount Clay.....b	KDEY	Sudurco.....b
KDBY	Eastern Importer.....b	KDGA	Hera.....b
KDBZ	Apus.....b	KDGB	Niobe.....b
KDCA	Hybert.....b	KDGC	Pawnee.....b
KDCB	Sapulpa.....b	KDGD	Loki.....b
KDCD	James Otis.....b	KDGE	Wotan.....b
KDCE	Mobile City.....b	KDEZ	Eastern Temple.....b
KDCF	Rotarian.....b	KDF	Coppenname.....b
KDCG	Independence Hall.....b	KDFA	Hyder, Alaska.....e
KDCH	Pachet.....b	KDFB	New Orleans.....b
KDCI	Hudson.....b	KDFC	Potter.....b
KDCJ	Egeria.....b	KDFD	Gateway City.....b
KDCK	Delivery No. 5.....b	KDFE	Provincetown.....b
KDCL	George Washington.....b	Kdff	Castana.....b
KDCM	Golden State.....b	KDFG	Catahoula.....b
KDCN	Atlanta of Texas.....b	KDFH	Tomalva.....b
KDCO	Houston.....b	KDFI	Sulanierco.....b
KDCP	Halo.....b	KDFJ	Sudawsonco.....b
KDCQ	Mosella.....b	KDFK	Suscolanco.....b
KDCR	Haynie.....b	KDFM	Manatawny.....b
KDCS	Hollywood.....b	KDFN	Grifco.....b
KDCT	Palo Alto.....b	KDFO	Cantigny.....b
KDCU	Mevania.....b	KDFP	Glenora.....b
KDCV	West Canan.....b	KDFQ	Halway.....b
KDCW	Jalapa.....b	KDFR	Hannawa.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
KDFS	Janelaw.....b	KDJI	Chetopa.....b
KDFT	Mursa.....b	KDJJ	Nipsic.....b
KDFU	Jepta.....b	KDJK	Yalza.....b
KDFV	Lavada.....b	KDJL	Steel Inventor.....b
KDFW	West Carmona.....b	KDJM	Storm King.....b
KDFX	West Honaker.....b	KDJN	Cambrai.....b
KDFY	Winneconne.....b	KDJO	Oneida.....b
KDFZ	East Hampton.....b	KDJP	Kiowa.....b
KDG	Parismina.....b	KDJP	Cayuga.....b
KDGK	Bayou Chico.....b	KDJQ	Onondaga.....b
KDGL	Steel Ranger.....b	KDJR	Chippewa.....b
KDGM	John Stevens.....b	KDJS	Daly, Alaska.....c
KDGN	Donna Lane.....b	KDJT	Warren, Alaska.....c
KDGO	Clement Smith.....b	KDJU	Joseph Seep.....b
KDGP	Muskegon.....b	KDJV	Seneca.....b
KDQQ	Elisha Walker.....b	KDJX	Romagne.....b
KDGR	Lake Gano.....b	KDJY	Natchez.....b
KDGS	City of Rayville.....b	KDJZ	Montgomery City.....b
KDGT	Tulsa, Okla.....c	KDK	Atenas.....b
KDGU	Quincy, Mass.....c	KDKA	East Pittsburgh, Pa.....c
KDGV	William Penn.....b	KDKB	Eastern Sword.....b
KDGW	China Arrow.....b	KDKC	Hopatcong.....b
KDGX	Bonnie Brook.....b	KDKD	Emergency Aid.....b
KDGY	Kekoskee.....b	KDKE	Chateau Thierry.....b
KDGZ	Nora.....b	KDKF	New York, N. Y.....c
KDH	Heredia.....b	KDKG	William H. Doheny.....b
KDHA	Suricho.....b	KDKH	Algonquin.....b
KDHB	Suremico.....b	KDKK	Minnekaehda.....b
KDHC	Harvester.....b	KDKL	Camden.....b
KDHD	Edgar F. Coney.....b	KDKM	Natirar.....b
KDHF	Old North State.....b	KDKN	Dinsmore.....b
KDHG	Pagaset.....b	KDKO	Maracay.....b
KDHH	Charles H. Cramp.....b	KDKP	Lake Gatun.....b
KDHI	Intrepid.....b	KDKQ	Rodman Swift.....b
KDHI	Bibbco.....b	KDKR	Warbler.....b
KDHK	Yapalaga.....b	KDKS	Willett.....b
KDHL	Argosy.....b	KDKT	El Estero.....b
KDHO	Japan Arrow.....b	KDKU	Dan F. Hanlon.....b
KDHP	India Arrow.....b	KDKW	Argonne.....b
KDHQ	Java Arrow.....b	KDKX	W. J. Hanna.....b
KDHR	J. Fletcher Farrell.....b	KDKY	Peacock.....b
KDHS	Wm. Boyce Thompson.....b	KDKZ	Somme.....b
KDHT	Santa Veronica.....b	KDL	Levisa.....b
KDHU	Lilmae.....b	KDLA	Charli Watson.....b
KDHV	Brush.....b	KDLB	Creole State.....b
KDHW	St. Mihiel.....b	KDLC	Pearlodon.....b
KDHX	A. A. Daugherty.....b	KLDL	Suwarinco.....b
KDHY	Eastern Leader.....b	KDLE	Suwordenco.....b
KDHZ	Dawn.....b	KDLF	Sujameco.....b
KDI	Abangarez.....b	KDLG	Reaper.....b
KDIB	Rawlins, Wyo.....c	KDLH	Franklin K. Lane.....b
KDIC	Ferris Oil Field, Wyo.....c	KDLI	Chaumont.....b
KDID	Medon.....b	KDLJ	Artemis.....b
KDIF	Hanley.....b	KDLK	Cuba.....b
KDIG	Narbo.....b	KDLL	A. L. Kent.....b
KDIH	Narcissus.....b	KDLM	Wacosta.....b
KDIJ	Cuprum.....b	KDLN	Henry S. Grove.....b
KDIK	West Cussetta.....b	KDLQ	Tuscaloosa City.....b
KDIL	Grifffdu.....b	KDLR	Malita, P. I.....c
KDIM	George E. Weed.....b	KDLQ	Culion, P. I.....c
KDIN	Colin H. Livingstone.....b	KDLR	San Francisco, P. I.....c
KDIP	Vaba.....b	KDLQ	Sugillenco.....b
KDIQ	Cedarhurst.....b	KDLT	George Pierce.....b
KDIR	Lake Ontario.....b	KDLU	Blue Point.....b
KDIS	Lake Bridge.....b	KDLV	Marne.....b
KDIT	Lake Superior.....b	KDLW	Herman Frasch.....b
KDIV	Lakeshore.....b	KDLX	Mary Luckenbach.....b
KDIW	Lake Weir.....b	KDLY	Sugarland, Tex.....c
KDIX	Lakeview.....b	KDLZ	Galveston, Tex.....c
KDIY	Lake Dunmore.....b	KDM	Maracaibo.....b
KDIZ	Lake George.....b	KDMA	Eugene V. R. Thayer.....b
KDI	San Jose.....b	KDMB	Agwisea.....b
KDJB	Fort George.....b	KDMC	Agwimars.....b
KDJC	Lakewood.....b	KCMD	Agwiworld.....b
KDJD	Lake Traverse.....b	KDME	Moffitt.....b
KDJE	Lake Stirling.....b	KDMF	Oureq.....b
KDJF	Vittorie Emmanuele III.....b	KDMG	Estrada Palma.....b
KDJG	Westmount.....b	KDMH	Memnon.....b
KDJH	Westboro.....b	KDMI	Namasket.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.		Call signal.	Station.
KDMJ	Peralta.....	b	KDPR	Montebello.....
KDMK	Fort Worth, Tex.....	c	KDPS	Baytown, Tex.....
KDML	S. C. T. Dodd.....	b	KDPY	San Diego, Calif.....
KDMM	Nacata.....	b	KDPV	Cascade, Calif.....
KDMN	John Worthington.....	b	KDPW	Camp 60, Calif.....
KDMO	Muriel.....	b	KDPX	Camp 61, Calif.....
KDMP	W. H. Libby.....	b	KDPY	La Placentia.....
KDMQ	Wolverine State.....	b	KDPZ	Fairfield City.....
KDMR	W. S. Miller.....	b	KDQ	Gold Star.....
KDMS	Samuel L. Fuller.....	b	KDQB	Santore.....
KDMT	Joseph M. Cudahy.....	b	KDQD	Ward.....
KDMU	Wichita.....	b	KDQE	E. R. Kemp.....
KDMV	City of Elwood.....	b	KDQF	Galveston.....
KDMX	Port Lebak, P. I.....	c	KDQG	Jeff Davis.....
KDMY	P. J. Reilly.....	b	KDQH	Oldham.....
KDMZ	District of Columbia.....	b	KDQI	Meanticut.....
KDNA	El Isleo.....	b	KDQJ	West O'Rowa.....
KDNB	Tours.....	b	KDQL	Solana.....
KDNC	Aisne.....	b	KDQM	Sucubaco.....
KDND	Quinault.....	b	KDQN	Aladdin.....
KDNE	Naamhok.....	b	KDQQ	Fall River Valley, Calif.....
KDNF	Dewey.....	b	KDQR	San Francisco, Calif.....
KDNG	Swiftsure.....	b	KDQS	Cigarette.....
KDNH	Stjerseyco.....	b	KDQT	Robert C. Sudden.....
KDNI	Sunewarkco.....	b	KDQU	Cerro-Ebano.....
KDNJ	Kingfisher.....	b	KDQV	Mount Carroll.....
KDNK	M. F. Elliott.....	b	KDQW	Sea Monarch.....
KDNL	Durham.....	b	KDQX	Swift Scout.....
KDNM	Wisdom II.....	b	KDQY	Cairo.....
KDNN	Agwilake.....	b	KDQZ	St. Louis.....
KDNO	Gulfking.....	b	KDR	Cerro-Azul.....
KDNP	City of Dalhart.....	b	KDRF	Frank G. Drum.....
KDNQ	City of Brunswick.....	b	KDRG	Limon.....
KDNR	Lake Miraflores.....	b	KDRH	Fearless.....
KDNS	Yorba Linda.....	b	KDRJ	Gulf Prince.....
KDNT	Bakersfield, Calif.....	c	KDRK	Agwismith.....
KDNU	Fresno, Calif.....	c	KDRM	R. J. Hanna.....
KDNV	Hawkeye State.....	b	KDRN	K. R. Kingsbury.....
KDNW	El Lago.....	b	KDRP	Amuguis, P. I.....
KDNX	Sunungentco.....	b	KDRU	Vancolite.....
KDNY	Favorite.....	b	KDRV	Ruby (permanently moored scow).....
KDNZ	Gorgona.....	b	KDRI	Acropolis.....
KDO	Esparta.....	b	KDRJ	Selma City.....
KDOB	Aia.....	b	KDRK	Swiftagle.....
KDOC	Cebu.....	b	KDRL	Centennial State.....
KDOD	Livingstone Roe.....	b	KDRM	Henry D. Whiton.....
KDOF	Bessemer City.....	b	KDRN	E. W. Sinclair.....
KDOH	Crampton Anderson.....	b	KDRO	San Francisco, Calif.....
KDOI	Consort.....	b	KDRP	Suphenco.....
KDOJ	Sea Lion.....	b	KDRQ	Manulani.....
KDOK	Albert E. Watts.....	b	KDRR	Delphine.....
KDOL	F. C. Latrobe.....	b	KDRS	Mindoro.....
KDOM	Annapolis.....	b	KDRT	Cuba.....
KDON	Volant.....	b	KDRU	Luzon.....
KDOP	Astrea.....	b	KDRV	Mount Clinton.....
KDOQ	Richmond.....	b	KDRW	Buckeye State.....
KDOR	Thomas H. Wheeler.....	b	KDRX	Agwihiavre.....
KDOS	Swift Arrow.....	b	KDRY	Nixon Fork, Alaska.....
KDOT	Wenatchee.....	b	KDRZ	Tulsagas.....
KDOV	Stonewall.....	b	KDS	Sixaola.....
KDOW	America.....	b	KDSA	Swiftlight.....
KDOX	Pocahontas.....	b	KDSB	E. T. Bedford.....
KDOY	Westland.....	b	KDSC	Vicksburg.....
KDOZ	Granite State.....	b	KDSD	Thomas Crowley.....
KDPA	Silver State.....	b	KDSE	Astra.....
KDPC	Suspearco.....	b	KDSF	Manukai.....
KDPD	Mauna Kea.....	b	KDSG	Anniston City.....
KDPE	Gargoyle.....	b	KDSH	Hambro.....
KDPF	Swiftstar.....	b	KDSI	Swift Wind.....
KDPG	Liebre.....	b	KDSJ	Undaunted.....
KDPH	Detroit, Mich.....	c	KDSK	Gloria West.....
KDPI	Superior, Mich.....	c	KDSL	Keystone State.....
KDPJ	Port Huron, Mich.....	c	KDSM	Nashaba.....
KDPK	Franklin.....	b	KDSN	West Lewark.....
KDPL	Walter Jennings.....	b	KDSO	Lio.....
KDPM	Cleveland, Ohio.....	c	KDSP	Dixiano.....
KDPN	Arden.....	b	KDSQ	Sea Ranger.....
KDPO	Agwistone.....	ff	KDSR	Agwibay.....
KDPP	Kennecott.....	b	KDSS	Puente.....
KDPQ	Tuxpanoil.....	b	KDST	Tecomate.....

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
 Continued.

Call signal.	Station.		Call signal.	Station.
KDSU	Toteco.....	b	KEGG	Chamblee.....
KDSV	Empire State.....	b	KEGJ	Chaparel.....
KDSW	Atlanta City.....	b	KEGK	Chantier.....
KDSX	West Faralon.....	b	KEGL	Lake Foxcraft.....
KDSY	Sea Scout.....	b	KEGM	Dirigo.....
KDSZ	Illinois.....	b	KEGN	Lake Frolono.....
KDT	Turrialba.....	b	KEGP	Lake Frugality.....
KDTA	Liberator.....	b	KEGQ	Saluda.....
KDTB	Bohemian Club.....	b	KEGR	Lake Frohna.....
KDT C	Blue Hen State.....	b	KEGS	West Hartland.....
KDT D	David McKelvy.....	b	KEGT	West Hartley.....
KDTE	Playa.....	b	KEGX	West Hassayampa.....
KDTF	Betty R.....	b	KEH	Nueces.....
KDTG	Yankee Arrow.....	b	KEI	Medina.....
KDTH	"323".....	b	KEJ	Alamo.....
KDTI	Nourmahal.....	b	KEJD	Easterling.....
KDTJ	Hammac.....	b	KEJE	Western Ally.....
KDV	Libby Maine.....	b	KEJG	Lake Fraichur.....
KDW	Nakat Inlet, Alaska.....	c	KEJJ	Lake Fraley.....
KDX	Firmore.....	b	KEJK	Lake Grainger.....
KDY	Walter D. Noyes.....	b	KEJL	Lake Gramma.....
KDZ	Zulia.....	b	KEJN	Lake Fanbush.....
KEA	Phyllis.....	b	KEJP	Lake Faulk.....
KEB	Sabine.....	b	KEJQ	Cabegon.....
KEBD	Abron.....	b	KEJS	West Amargosa.....
KEBF	Edgefield.....	b	KEJT	William M. Mills.....
KEBM	Lake Giltedge.....	b	KEJV	Faraby.....
KEBN	Lake Girth.....	b	KEJX	Transportation.....
KEBP	Lake Farabee.....	b	KEK	San Marcos.....
KEBQ	West Henshaw.....	b	KEKB	East Wind.....
KEBR	Lake Strabo.....	b	KEKC	Norma.....
KEBS	Jekyl.....	b	KEKD	West Cobalt.....
KEBT	Nesco.....	b	KEKG	Lake Grampian.....
KEBV	Lake Flushing.....	b	KEKJ	Lake Grampus.....
KEBX	Remus.....	b	KEKL	Saguache.....
KEBZ	The Lambs.....	b	KEKM	Lake Fansdale.....
KEC	Concho.....	b	KEKN	Lake Fanquier.....
KECB	Edenton.....	b	KEKP	Lake Furlough.....
KECG	Chicago Bridge.....	b	KEKQ	Castle Wood.....
KECJ	Decatur Bridge.....	b	KEKR	Homestead.....
KECK	Hico.....	b	KEKS	Tartar.....
KECL	Opelika.....	b	KEKT	Oscoda.....
KECM	Lake Gitano.....	b	KEKV	Neabsco.....
KECN	Lake Fannin.....	b	KEKX	Batanes.....
KECR	West Tacook.....	b	KEKZ	Bluffton.....
KECS	Duquesne.....	b	KEL	Isonomia.....
KECV	Lake Flynnus.....	b	KELB	North Pole.....
KECX	West Imboden.....	b	KELC	Polar Star.....
KEDG	Kamesut.....	b	KELG	Buckchannon.....
KEDJ	Marne.....	b	KELK	West El Cajon.....
KEDK	Onekama.....	b	KELM	Lake Fernando.....
KEDM	Lake Faribault.....	b	KELN	Lake Ferrona.....
KEDN	Lake Fariston.....	b	KELO	Prusa.....
KEDP	Lake Farley.....	b	KEIR	Isonomia.....
KEDQ	West Maximus.....	b	KELS	North Pole.....
KEDR	Western Glen.....	b	KELEX	Polar Star.....
KEDT	West Quechee.....	b	KELZ	Buckchannon.....
KEDV	West Nosska.....	b	KEM	West El Cajon.....
KEDX	West Hardaway.....	b	KEMD	Lake Fernando.....
KEDZ	West Hargrave.....	b	KEMG	Lake Ferrona.....
KEE	West Catanace.....	b	KEMJ	Prusa.....
KEF	Henry R. Mallory.....	b	KEMK	Isonomia.....
KEFB	Sac City.....	b	KEML	North Pole.....
KEFC	West Carnifax.....	b	KEMM	Polar Star.....
KEFD	Bar Harbor.....	b	KEMN	Buckchannon.....
KEFJ	Copalgrove.....	b	KEMP	West El Cajon.....
KEFK	Cerro Gardo.....	b	KEMX	Lake Fernando.....
KEFL	Chamberino.....	b	KEMZ	Lake Ferrona.....
KEFM	Lake Inaha.....	b	KEN	Prusa.....
KEFN	Lake Friar.....	b	KENC	Isonomia.....
KEFP	Lake Frio.....	b	KEND	North Pole.....
KEFQ	Western Knight.....	b	KENF	Polar Star.....
KEFR	Ossining.....	b	KENG	Buckchannon.....
KEFS	West Harlan.....	b	KENJ	West El Cajon.....
KEFT	City of Eureka.....	b	KENK	Lake Fernando.....
KEFX	West Harshaw.....	b	KENM	Lake Ferrona.....
KEFZ	West Harts.....	b	KENN	Prusa.....
KEG	Rio Grande.....	b	KENP	Isonomia.....
KEGC	Bristol.....	b	KENQ	North Pole.....
KEGF	Eclipse.....	b	KENR	Polar Star.....

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.		Call signal.	Station.	Call signal.
KENS	Cabrille.....	b	KEVM	Nishmaha.....	b
KENV	Balcamp.....	b	KEVN	Osaquumsick.....	b
KENX	Clincho.....	b	KEVP	Ozette.....	b
KENZ	Banaran.....	b	KEVR	Hartwood.....	b
KEP	Lampasas.....	b	KEVS	Chappell.....	b
KEPD	Diablo.....	b	KEVT	Schodack.....	b
KEPF	Mercer.....	b	KEVV	Schoharie.....	b
KEPG	Agwistarr.....	b	KEVX	Tolland.....	b
KEPJ	Brevard.....	b	KEVZ	Lake Faresman.....	b
KEPK	Briarcliff.....	b	KEX	Josiah Macy.....	b
KEPL	Aledo.....	b	KEXB	McKeepsport.....	b
KEPM	Lake Elkwater.....	b	KEXF	West Munham.....	b
KEPN	Lake Ellendale.....	b	KEXG	West Nohno.....	b
KEPP	Lake Ellenorah.....	b	KEXJ	West Togus.....	b
KEPQ	Proctor.....	b	KEXK	West Totant.....	b
KEPR	Sahale.....	b	KEXL	Lake Folcroft.....	b
KEPS	Lazy Bay, Alaska.....	c	KEXM	Wawalona.....	b
KEPT	Saco.....	b	KEXN	Moline.....	b
KEPV	Wallingford.....	b	KEXQ	South Bend.....	b
KEQ	Port Walter, Alaska.....	b	KEXR	Grand Haven.....	b
KEQB	Dallas.....	b	KEXS	Milwaukee.....	b
KEQC	Barugo.....	b	KEXT	Peter H. Crowell.....	b
KEQD	Bolkow.....	b	KEXV	Hoven.....	b
KEQG	Baldridge.....	b	KEXX	West Cajoot.....	b
KEQJ	Baldrock.....	b	KEXZ	Glymont.....	b
KEQK	Belvidere.....	b	KEY	Cape Edwards, Alaska.....	e
KEQM	Lake Ellerslie.....	b	KEZ	San Lorenzo.....	b
KEQN	Lake Ellicot.....	b	KEZB	Lake Sapor.....	b
KEQP	Lake Festina.....	b	KEZC	Lake Fonda.....	b
KEQR	Galahad.....	b	KEZD	Lake Fontana.....	b
KEQS	Callao.....	b	KEZF	Lake Fontanet.....	b
KEQV	Pisco.....	b	KEZJ	Lake Gilboa.....	b
KEQX	Salaverry.....	b	KEZK	Lake Gilpen.....	b
KER	H. M. Flagler.....	b	KEZL	Lake Gilta.....	b
KERC	Batino.....	b	KEZM	West Harcuvar.....	b
KERF	Star of Greenland.....	b	KEZN	West Hembrie.....	b
KERG	Shooters Island.....	b	KEZP	West Hematite.....	b
KERJ	West Erral.....	b	KEZQ	Glyndon.....	b
KERK	Utoka.....	b	KEZR	West Celina.....	b
KERL	Ganeri.....	b	KEZZ	Poughkeepsie.....	b
KERM	Lake Festus.....	b	KFA	City of Columbus.....	b
KERN	Lake Fibre.....	b	KFAI	Glendola.....	b
KERP	Lake Fielding.....	b	KFAO	Glendyle.....	b
KERQ	Yesoking.....	b	KFB	City of Atlanta.....	b
KERR	Benoni.....	b	KFD	Lake Janet.....	b
KERT	Bethelridge.....	b	KFE	Wynooche.....	b
KERX	Miller County.....	b	KFEO	Monana.....	b
KERZ	Cecil County.....	b	KFF	Frieda.....	b
KES	San Jacinto.....	b	KFG	Feltore.....	b
KESB	Lake Foxboro.....	b	KFH	West Ashawa.....	b
KESC	Sacandaga.....	b	KFI	I. D. Fletcher.....	b
KESD	Castle Point.....	b	KFJ	City of Augusta.....	b
KESG	Sapinero.....	b	KFK	City of Savannah.....	b
KESJ	West Caruth.....	b	KFN	Tormentor.....	b
KESK	Lake Flovilla.....	b	KFO	Buccaneer.....	b
KESL	Cowardin.....	b	KFP	Nacoochee.....	b
KESM	Lake Fife.....	b	KFQ	Owego.....	b
KESN	Lake Figart.....	b	KFS	San Francisco, Calif.....	e
KESP	Lake Fighting.....	b	KFT	Tasco.....	b
KESQ	Bidwell.....	b	KFW	Freedom.....	b
KESR	Hampton Roads.....	b	KFX	City of St. Louis.....	b
KESV	City of Freeport.....	b	KFY	City of Montgomery.....	b
KESX	Warwick.....	b	KGA	Coamo.....	b
KESZ	Henry Clay.....	b	KGAE	New Windsor.....	b
KET	(Bolinas, Calif. (transmitting)).....	c	KGD	Suruga.....	b
KETG	Marshall, Calif. (receiving).....	c	KGE	Westwego.....	b
KETJ	Braddock.....	b	KGH	Hillsboro, Oreg.....	c
KETM	Moss Point.....	b	KGJ	San Juan.....	b
KETN	Askawake.....	b	KGK	Edgar F. Luckenbach.....	b
KETP	Edgehill.....	b	KGL	Dochra.....	b
KETX	Edgemont.....	b	KGM	Mexicano.....	b
KETZ	Georgina Rolph.....	b	KGOE	Lake Harney.....	b
KEU	Annette Rolph.....	b	KGP	Ponce.....	b
KEVB	S. V. Harkness.....	b	KGQ	Edward Luckenbach.....	b
KEVC	Oswatomie.....	b	KGR	Cambridge.....	b
KEVD	Zavalla.....	b	KGS	Senator Bailey.....	b
KEVF	West Corum.....	b	KGT	J. L. Luckenbach.....	b
KEVG	Edgemoor.....	b	KGUE	Caribbean.....	q
KEVJ	Eldena.....	b	KGUI	Apex.....	b
KEVJ	Fort Seward.....	b	KGV	Fred'k Luckenbach.....	b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.		Call signal.	Station.	
KGX	Sewalls.....	.b	KIFX	Youngstown.....	b
KGZ	Julia Luckenbach.....	.b	KIFZ	Lorain.....	b
KHA	Uyak, Alaska.....	c	KIG	Pioneer.....	b
KHB	Kvichak, Alaska.....	c	KIGB	Lake Glencoe.....	b
KHC	Chignik, Alaska.....	c	KIGC	Hunacoma.....	b
KHD	Stanwood.....	c	KIGD	Hulver.....	b
KHE	Lake Silver.....	b	KIGF	Seekonk.....	b
KHF	Snag Point, Alaska.....	c	KIGG	Walden.....	b
KHG	Clarks Point, Alaska.....	c	KIGJ	Director.....	b
KHH	San Francisco, Calif.....	c	KIGK	Intan.....	b
KHI	Isabela de Basilan, P. I.....	c	KIGL	Polybius.....	b
KHK	Wahiawa, Hawaii.....	c	KIGM	Lake Farlin.....	b
KHL	Lahaina, Hawaii.....	c	KIGP	Gratia.....	b
KHM	Lihue, Hawaii.....	c	KIGQ	Santa Elisa.....	b
KHN	Kawaihae, Hawaii.....	c	KIGR	Blair.....	b
KHO	Kaunakakai, Hawaii.....	c	KIGS	Harry Luckenbach.....	b
KHP	Mangore.....	b	KIGT	Besemer.....	b
KHR	J. W. VanDyke.....	b	KIGX	Yaklok.....	b
KHS	H. C. Folger.....	b	KIGZ	Ashbee.....	b
KHT	Naknek, Alaska.....	b	KIH	Corning.....	b
KHU	Lake Odgen.....	b	KIJ	Acme.....	b
KHV	Lake Jessup.....	b	KIJB	Lake Candelaria.....	b
KHW	Lake Charles.....	b	KIJC	Balsam.....	b
KHY	K. I. Luckenbach.....	b	KIJD	Barrenfark.....	b
KHZ	Mystic.....	b	KIJF	Barryton.....	b
KIA	Ardmore.....	b	KIJG	Wicasta.....	b
KIB	Muskogee.....	b	KIJH	Sabotawan.....	b
KIBB	Lake Glebe.....	b	KIJK	Kisnop.....	b
KIBC	Silverbrook.....	b	KIJJ	Edellyn.....	b
KIBD	Shenandoah.....	b	KIJM	Schroon.....	b
KIBF	Milwaukee Bridge.....	b	KIJN	Knoxville.....	b
KIBG	National Bridge.....	b	KIJP	Montgomery.....	b
KIBJ	Passaic Bridge.....	b	KIQ	Hoxbar.....	b
KIBK	Opequan.....	b	KIJR	Barstow.....	b
KIBL	Masca.....	b	KIJS	Butterfield.....	b
KIBM	Wisconsin Bridge.....	b	KIJT	Buttercup.....	b
KIBN	Santa Malfa.....	b	KIJV	Bethlehem Bridge.....	b
KIBQ	Saugus.....	b	KIJX	Brasher.....	b
KIBR	Craftsman.....	b	KIJZ	Dade County.....	b
KIBZ	Byfield.....	b	KIK	Westerner.....	b
KIC	Standard.....	b	KIKB	Hillsborough County.....	b
KICM	Edgewood.....	b	KICK	Jackson.....	b
KICN	Eldridge.....	b	KIKD	Johnson City.....	b
KICP	West Islay.....	b	KIKF	Jefferson County.....	b
KICQ	West Isleta.....	b	KIKG	St. Johns County.....	b
KICR	Gaffney.....	b	KIKJ	St. Augustine.....	b
KICS	Zarembo.....	b	KIKK	Shortsville.....	b
KICV	Gunston Hall.....	b	KIKL	Worcester.....	b
KICZ	Admiral Evans.....	b	KIKM	West Kasson.....	b
KID	Matinicock.....	b	KIKP	Mosabee.....	b
KIDB	Lake Granby.....	b	KIKQ	Ambridge.....	b
KIDC	Satartia.....	b	KIKR	Claирton.....	b
KIDD	West Alcoz.....	b	KIKS	Argenta.....	b
KIDF	Hegira.....	b	KIKT	Evansville.....	b
KIDJ	Mulpua.....	b	KIKX	West Islip.....	b
KIDL	Genesee.....	b	KILF	Elmsport.....	b
KIDM	Anniston.....	b	KILG	Edisto.....	b
KIDN	Chattanooga.....	b	KILJ	Edmore.....	b
KIDP	Louisville Bridge.....	b	KILK	Colorado Springs.....	b
KIDQ	Schoodic.....	b	KILL	City of Spokane.....	b
KIDR	Romulus.....	b	KILM	Waxahachie.....	b
KIDS	Lake Canaveral.....	b	KILN	Neshaminy.....	b
KIDT	Barrallton.....	b	KILP	Meriden.....	b
KIDV	Waukau.....	b	KILQ	Shaumie.....	b
KIDX	Waukegan.....	b	KILR	Scantic.....	b
KIDZ	Orleans.....	b	KILT	West Calumb.....	b
KIE	Kahuku, Hawaii (transmitting).....	c	KILV	Ipswich.....	b
	{ Koko Head, Hawaii (receiving).....	c	KILX	Monasses.....	b
KIFB	West Irmo.....	b	KILZ	West Cawthon.....	b
KIFC	Hukey.....	b	KIM	Latouche, Alaska.....	c
KIFD	West Cavanal.....	b	KIMB	Tuckanuck.....	b
KIFG	Favorite.....	b	KIMC	Tripp.....	b
KIFJ	Kishacoquillas.....	b	KIMD	Deerlodge.....	b
KIFK	Chautauqua.....	b	KIMG	West Chetac.....	b
KIFL	Delphine.....	b	KIMJ	Cushnoc.....	b
KIFN	Humrick.....	b	KIML	Santa Leonora.....	b
KIFP	West Conob.....	b	KIMM	Winyah.....	b
KIFQ	Bound Brook.....	b	KIMN	Salvation Lass.....	b
KIFR	Barranca.....	b	KIMP	Pontchartrain.....	b
KIFV	Andrea F. Luckenbach.....	b	KIMQ	East Side.....	b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.		Call signal.	Station.
KIMR	Dochet.	.b	KISJ	Stanley...
KIMS	Burnwell.	.b	KISK	West Keene...
KIMT	Mount Evans.	.b	KISM	Baldbutte...
KIMV	Lake Cannonsburg.	.b	KISN	Lake Fagundus...
KIMX	Orinoco.	.b	KISP	Lake Fairlie...
KIMZ	Pipestone County.	.b	KISQ	Afel...
KIN	Patrol.	.b	KISR	City of Fairbury...
KINB	Ogontz.	.b	KISS	Liberty Land...
KINC	Hyannis.	.b	KIST	Laborer...
KIND	Rock Island.	.b	KISV	Asquan...
KINF	Costigan.	.b	KISX	Lake Farrar...
KING	Watertown.	.b	KIT	Tiger...
KINJ	Lake Fabyan.	.b	KITB	Lake Falama...
KINK	Lake Glasco.	.b	KITC	Babboosic...
KINL	Pere Marquette 8.	.b	KITF	Firthclifie...
KINM	Lehigh.	.b	KITG	Kittegaun...
KINN	West Ison.	.b	KITJ	Innoko...
KINP	West Heburn.	.b	KITK	Bellbuckle...
KINQ	Eelbeck.	.b	KITL	Wytheville...
KINR	Olen.	.b	KITM	Betsy Bell...
KINS	Boston Bridge.	.b	KITN	Nameaug...
KINT	Bay Head.	.b	KITP	Lake Gadsden...
KINV	Calno.	.b	KITQ	Lake Singara...
KINX	Davidson County.	.b	KITR	Keshena...
KINZ	Pawtucket.	.b	KITS	Kiooke...
KIO	Brynhilda.	.b	KITT	Kiron...
KIP	General W. C. Gorgas.	.b	KITV	Kitehi...
KIPB	Assinippi.	.b	KITX	Willfaro...
KIPC	Pontia.	.b	KITZ	West Inskip...
KIPD	Wallkill.	.b	KIU	Western Hero...
KIPF	Woodmansie.	.b	KIVB	Minnequa...
KIPG	Doylestown.	.b	KIVC	Kewanee...
KIPJ	West Chatala.	.b	KIVD	Marina...
KIPK	West Segovia.	.b	KIVF	Lightburne...
KIPL	Pyramus.	.b	KIVG	Mercer Victory...
KIPN	Lake Gazette.	.b	KIVI	Hatchie...
KIPP	American Star.	.b	KIVK	Traveller...
KIPQ	Lake Fabius.	.b	KIVM	Lake Fear...
KIPR	S. B. Hunt.	.b	KIVN	Explorer...
KIPS	Geo. H. Jones.	.b	KIVP	Westoil...
KIPV	Luxapalie.	.b	KIVQ	Huguenot...
KIPX	Maiden Creek.	.b	KIVR	Devolente...
KIPZ	Lake Farmingdale.	.b	KIVS	Delfna...
KIQ	Astral.	.b	KIVT	Delisle...
KIQB	Belfort.	.b	KIVV	West Cactus...
KIQC	Westmoreland.	.b	KIVX	Gaurdsman...
KIqd	Cansumset.	.b	KIVZ	Custodian...
KIQF	Cotati.	.b	KIXB	West Cheswald...
KIQJ	Fort Logan.	.b	KIXC	West Raritans...
KIQK	Cold Spring.	.b	KIXD	Leckawanna Valley...
KIQM	Nedmac.	.b	KIXF	Ablanset...
KIQN	Lake Farragut.	.b	KIXG	Asabeth...
KIQP	Lake Fackler.	.b	KIXJ	Fourth Alabama...
KIQQ	Thala.	.b	KIXK	Lafeomo...
KIQR	Hugoton.	.b	KIXL	Lebanon...
KIQS	Bathgate.	.b	KIXM	Lockport...
KIQT	Bathalam.	.b	KIXN	Lordship Manor...
KIQU	Corson.	.b	KIXP	Nonantum...
KIqx	Fluor Spar.	.b	KIXQ	Putnam...
KIR	Eagle.	.b	KIXR	Tulsa...
KIRB	Lake Farber.	.b	KIXS	Abraham Lincoln...
KIRF	West Cayote.	.b	KIXT	Lake Flagon...
KIRG	New Britain.	.b	KIXV	Montauk...
KIRJ	Lake Frumet.	.b	KIXX	Wekika...
KIRK	Sharon.	.b	KIXZ	West Selene...
KIRM	Arenas.	.b	KIZB	Delco...
KIRN	Haddon.	.b	KIZC	Bakersfield...
KIRP	Waco.	.b	KIZD	Barthney...
KIRQ	Delavan.	.b	KIZF	Buffalo Bridge...
KIRR	Cambridge.	.b	KIZG	Parksville...
KIRS	John Ena.	.b	KIZJ	Dauperata...
KIRT	Derbyline.	.b	KIZK	Katherine...
KIRV	Lake Fairfax.	.b	KIZL	Avalon...
KIRX	Casper.	.b	KIZM	Lake Flagstaff...
KIRZ	Glen Ridge.	.b	KIZN	Lake Flambeau...
KIS	Marshall, Alaska.	.c	KIZP	Shickshiny...
KISC	Oreus.	.b	KIZQ	Bannack...
KISD	Seattle Spirit.	.b	KIZR	Winona County...
KISF	Wheatland Montana.	.b	KIZS	Vincent...
KISG	Elkridge.	.b	KIZT	Algonquin...

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
KIZV	Imlay.....b	KKY	E. Dia.....b
KIZX	Labelle.....b	KKZ	El Rio.....b
KIZZ	Rockaway Park.....b	KLA	Pastores.....b
KJA	Julin, Alaska.....c	KLA	Luella.....b
KJAA	Chebaulip.....b	KLAE	Overbrook.....b
KJAE	West Indian.....b	KLAO	Lake Crystal.....b
KJAI	West Durfee.....b	KLAU	Lake Winona.....b
KJAO	West Lianga.....b	KLC	Calamares.....b
KJAU	West Grove.....b	KLD	Fort Worth.....b
KJC	Oocene.....b	KLE	Zacapa.....b
KJD	North Land.....b	KLEA	Lake Maurepas.....b
KJE	Norlina.....b	KLEE	Lake St. Regis.....b
KJEA	Western Ocean.....b	KLEI	Lake Allen.....b
KJEI	John M. Connely.....b	KLEO	Lake Clear.....b
KJEU	Santa Luisa.....b	KLEU	Lake Pewaukee.....b
KJF	Carolinian.....b	KLF	Metapan.....b
KJG	Eurana.....b	KLG	Santa Marta.....b
KJH	West Wind.....b	KLH	Saramacca.....b
KJI	Satsuma.....b	KLI	Suriname.....b
KJIE	Walter A. Luckenbach.....b	KLIA	Lake Otisco.....b
KJII	Muscatine.....b	KLIE	Lake Como.....b
KJIO	Paul H. Harwood.....b	KLIU	Lake Sunapee.....b
KJIU	Carib.....b	KLJ	Beatrice.....b
KJK	King Cove, Alaska.....c	KLK	Craster Hall.....b
KJL	Fals Pass, Alaska.....c	KLL	Thompson Falls, Mont.....c
KLM	West Cherow.....b	KLM	Bantu.....b
KJN	J. A. Bostwick.....b	KLO	Santa Rosalia.....b
KJO	Munisla.....b	KLOE	Lake Hemlock.....b
KJOA	Faith.....b	KLOI	Lakehurst.....b
KJOE	W. M. Irish.....b	KLOO	Lake Lida.....b
KJOO	West Bridge.....b	KLOU	Lake Shawano.....b
KJOU	Tuckahoe.....b	KLQ	Rainbow, Mont. (near Great Falls).....c
KJP	Joseph R. Parrott.....b	KLR	Crofton Hall.....b
KJT	Waban.....b	KLT	Howick Hall.....b
KJU	Bacoil.....b	KLU	Charlton Hall.....b
KJUA	Ice King.....b	KLUA	Lake Capens.....b
KJUE	Radnor.....b	KLUF	Lake Sebago.....b
KJUI	Point Lobos.....b	KLUI	Lake Cayuga.....b
KJUO	West Alsek.....b	KLUO	Lake Ennis.....b
KJUU	West Apaum.....b	KLUU	Agarista.....b
KJV	West Haven.....b	KLV	San Mateo.....b
KJW	O. T. Waring.....b	KLW	Port Althorp, Alaska.....c
KJX	Westland.....b	KLX	Kermanshah.....b
KJY	West Point.....b	KLY	Deepwater.....b
KJZ	Chinchia.....b	KMA	Alliance.....b
KKA	Yakutat, Alaska.....c	KMABA	Admiral Nicholson.....b
KKAA	Sulzer, Alaska.....c	KMAI	Catherine D.....b
KKAE	Nushagak, Alaska.....c	KMAU	Ampetco.....b
KKAI	Hawk Inlet, Alaska.....c	KMB	Amoco.....b
KKAO	Kussilof, Alaska.....c	KMD	Cristobal.....b
KKAU	Avondale.....b	KME	Pennant.....b
KKB	El Sol.....b	KMEI	Orizaba.....b
KKC	Chalmette.....b	KMEO	Cletus Schneider.....b
KKD	Comus.....b	KMEU	Pasadena.....b
KKE	Topila.....b	KMF	Egegik, Alaska.....c
KKEE	Nanking.....b	KMG	Ekuk, Alaska.....c
KKEI	City of Sydney.....b	KMH	Panama.....b
KKEO	Waukesha.....b	KMI	Tivives.....b
KKEU	Mariners Harbor.....b	KMIE	Cape Henry.....b
KKF	Torres.....b	KMII	Masuda.....b
KKG	El Almirante.....b	KMIO	Willimantic.....b
KKH	El Capitan.....b	KMIIU	W. M. Burton.....b
KKI	Kilkenny.....b	KMK	Naknek, Alaska.....c
KKIU	Nacogdoches.....b	KML	Lockanok, Alaska.....c
KKJ	West Celeron.....b	KMM	Panuco.....b
KKL	El Alba.....b	KMN	Butte, Mont.....c
KKM	Momus.....b	KMOE	Accomac.....b
KKN	El Norte.....b	KMOI	Eldorado.....b
KKO	Excelsior.....b	KMOO	Oakland.....b
KKOA	Biran.....b	KMOU	Edward Pierce.....b
KKOE	Lake Annette.....b	KMP	Metha Nelson (moored schooner).....c
KKP	Mahanna.....b	KMQ	Sherman.....b
KKQ	El Sud.....b	KMR	Wellington.....b
KKR	Creole.....b	KMS	Ancon.....b
KKS	El Siglo.....b	KMT	Libbyville, Alaska.....c
KKT	El Cid.....b	KMU	Ugashik, Alaska.....c
KKU	El Mundo.....b	KMUA	Lake Lasang.....b
KKUI	William G. Mather.....b	KMUE	Lake Larga.....b
KKV	El Oriente.....b	KMUI	George W. Barnes.....b
KKW	El Valle.....b	KMV	Lake Flume.....b
KKX	El Occidente.....b		Advance.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.		
KMW	Akutan, Alaska.....	c	KODP	Babinda.....	b
KMX	Colon.....	b	KODQ	Hulaco.....	b
KMY	Holden Evans.....	b	KODR	Salem County.....	b
KMZ	General G. W. Goethals.....	b	KODS	Bellemina.....	b
KNA	Dorothy Bradford.....	b	KODT	Dewey.....	b
KNAA	Western Sea.....	b	KODV	Hog Island.....	b
KNAE	West Cohas.....	b	KODZ	Dillwyn.....	b
KNAI	Western City.....	b	KOEV	Ophis.....	b
KNAO	Western Chief.....	b	KOE	Communipaw.....	b
KNAU	Westford.....	b	KOF	Castle Town.....	b
KNB	Lexington.....	b	KOFC	Bellhaven.....	b
KNC	Concord.....	b	KOFD	Anaconda.....	b
KND	Plymouth.....	b	KOFF	Auditor.....	b
KNE	Clare.....	b	KOFG	Sunshine.....	b
KNEA	Western Spirit.....	b	KOFG	H. F. Morse.....	b
KNEE	Santa Tecla.....	b	KOFL	Elkton.....	b
KNEU	Wishkah.....	b	KOFT	Chepadoa.....	b
KNF	Wm. G. Warden.....	b	KOFM	Lake Ellithorpe.....	b
KNG	Bradford.....	b	KOFN	Cockaponset.....	b
KNH	Brockton.....	b	KOFP	Lake Elisbury.....	b
KNI	De Soto.....	b	KOFP	Lake Elmhurst.....	b
KNK	Marica.....	b	KOFR	Basford.....	b
KNL	Nelson.....	b	KOFS	Bascobel.....	b
KNM	Millinocket.....	b	KOFT	Bensalem.....	b
KNN	Wico.....	b	KOFT	Lake Elpueblo.....	b
KNO	Trinidadian.....	b	KOFX	Cook.....	b
KNP	Dayton.....	b	KOFT	Coquitt.....	b
KNQ	F. Q. Barstow.....	b	KOGB	Independent Bridge.....	b
KNS	Sucrosa.....	b	KOGC	Lackawanna Bridge.....	b
KNU	Currier.....	b	KOGD	Moosehausic.....	b
KNUO	Mazama.....	b	KOGF	Kootenai.....	b
KNW	Robert M. Thompson.....	b	KOGJ	Nockum.....	b
KNX	Susana.....	b	KOGK	Escambia.....	b
KNY	Fred W. Weller.....	b	KOGL	West Ira.....	b
KNZ	A. C. Bedford.....	b	KOGM	Storm King.....	b
KOB	Shannock.....	b	KOGN	Brave Coeur.....	b
KOBC	Ruby.....	b	KOGP	Hadnot.....	b
KOBD	Orani.....	b	KOGQ	Irvington.....	b
KOBF	Vanada.....	b	KOGR	Lake Fairport.....	b
KOBG	Editor.....	b	KOGS	Lake Flatonia.....	b
KOBJ	Deroche.....	b	KOGT	Lake Flanders.....	b
KOBK	West Katan.....	b	KOGV	Lake Gebhart.....	b
KOBL	Lake Ellijay.....	b	KOGX	Merry Mount.....	b
KOBM	Willpolo.....	b	KOGZ	Commissioner.....	b
KOBN	Alameda.....	b	KOHI	Glenpool.....	b
KOBP	Bird City.....	b	KOIJ	Polarine.....	b
KOBQ	Gonzalis.....	b	KOJ	Ajax.....	b
KOBR	Barwick.....	b	KOJB	York Harbor.....	b
KOBS	Bartolome.....	b	KOJD	Sinsinawa.....	b
KOBT	Lake Inglenook.....	b	KOJF	Montana.....	b
KOBV	Baldhill.....	b	KOJG	Jacksonville.....	b
KOBX	Moshico.....	b	KOJJ	Lake Galata.....	b
KOBZ	Lake Elon.....	b	KOJK	Hanover.....	b
KOC	Jamestown.....	b	KOJL	Cripple Creek.....	b
KOCB	Lake Savus.....	b	KOJM	Lake Onawa.....	b
KOCC	Epitacio Pessoa.....	b	KOJP	Lake Favonia.....	b
KOCD	Texarkana.....	b	KOJQ	Lake Fitch.....	b
KOCF	Nokatay.....	b	KOJR	Chickasaw.....	b
KOCG	Lake Fiscus.....	b	KOJS	Magmeric.....	b
KOcj	Aquila.....	b	KOJT	Lake Gallen.....	b
KOCK	West Pocasset.....	b	KOJV	Portsmouth.....	b
KOCL	Elkhorn.....	b	KOJX	Lake Galewood.....	b
KOCM	Marsodak.....	b	KOJZ	Lake Gaither.....	b
KOCN	Federal Bridge.....	b	KOK	St. Charles.....	b
KOCP	Continental Bridge.....	b	KOKC	Northern Star.....	b
KOCQ	Clark Mills.....	b	KOKD	Bellerose.....	b
KOCR	John W. Wells.....	b	KOKF	Belleline.....	b
KOCS	Lake Girardeau.....	b	KOKG	Moosatauke.....	b
KOCT	Hercules.....	b	KOKK	Iceland.....	b
KOCV	West Saginaw.....	b	KOKL	Kaweah.....	b
KOCX	West Jaffrey.....	b	KOKM	Daniel Webster.....	b
KOCZ	Lake Ellsworth.....	b	KOKN	Potomac.....	b
KOD	Jefferson.....	b	KOKP	Crusfield.....	b
KODB	Nobles.....	b	KOKQ	Lake Elrio.....	b
KODC	Sunbeam.....	b	KOKR	Inspector.....	b
KODD	Lake Fisher.....	b	KOKS	Lake Gera.....	b
KODF	West Caddoa.....	b	KOKT	Bethnor.....	b
KODG	Siletz.....	b	KOKV	Kaleen.....	b
KODK	Hathaway.....	b	KOKX	Kolda.....	b
KODL	Menominee.....	b	KOKZ	Lake Fithian.....	b
KODN	Endicott.....	b	KOL	Mount Hope.....	b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KOLB	Aryan.....b	KOQT	Quinnipiac.....b
KOLC	Orient.....b	KOQV	Caldas.....b
KOLD	Antonia.....b	KOQX	Nipmuc.....b
KOLJ	Lake Faxon.....b	KOQZ	Kayseeka.....b
KOLK	Lake Felden.....b	KORB	West Mingo.....b
KOLL	Clavarack.....b	KORC	Macomet.....b
KOLM	Balcatta.....b	KORD	Sundance.....b
KOLN	Susquehanna.....b	KORF	Noccalula.....b
KOLP	Cathlamet.....b	KORG	Cethana.....b
KOLR	Lake Elmdale.....b	KORJ	Challamba.....b
KOLS	Chicomico.....b	KORK	Dryden.....b
KOLT	Effingham.....b	KORL	Haleakala.....b
KOLV	Palisades.....b	KORM	Jadden.....b
KOLX	Cranford.....b	KORP	Monomac.....b
KOLZ	Lake Getaway.....b	KORQ	Vinton County.....b
KOM	Trontolite.....b	KORS	Manham.....b
KOMB	Lake Gert.....b	KORT	Hancock County.....b
KOMC	Lake Flattery.....b	KORV	Wildwood.....b
KOMD	Deuel.....b	KORX	Cliffwood.....b
KOMF	Bartholomew.....b	KOS	Lake Saba.....b
KOMG	Whitemarsh.....b	KOSC	Tenakee, Alaska.....c
KOMK	Lycoming.....b	KOSD	Nile.....b
KOML	J. R. Gordon.....b	KOSF	Monroe.....b
KOMM	Scottsburg.....b	KOSG	Rapidan.....b
KOMN	San Antonio.....b	KOSJ	Danville.....b
KOMP	Coahoma County.....b	KOSL	West Kader.....b
KOMQ	Afoundsia.....b	KOSM	City of St. Joseph.....b
KOMR	Ashland County.....b	KOSN	John Roach.....b
KOMS	Henry County.....b	KOSQ	Lake Treba.....b
KOMT	Eifna.....b	KOSR	Lake Elsa.....b
KOMV	Montague.....b	KOSS	John Adams.....b
KOMX	Peekskill.....b	KOST	Chester Valley.....b
KOMZ	Coskata.....b	KOSV	Kenowis.....b
KONB	Cushnet.....b	KOSX	Hartford.....b
KONC	Cuttvhunk.....b	KOT	Kanak.....b
KOND	Indiana Bridge.....b	KOTB	Lake Falun.....b
KONG	Margus.....b	KOTD	Cross Keys.....b
KONJ	Massillon Bridge.....b	KOTF	Mitchell.....b
KONK	Northwestern Bridge.....b	KOTG	West Jena.....b
KONL	Fargo.....b	KOTJ	Lake Slavi.....b
KONM	La Crosse.....b	KOTK	West Neris.....b
KONN	Sioux Falls.....b	KOTL	Vinita.....b
KONP	Lansdowne.....b	KOTM	Robin Hood.....b
KONQ	Andrew Jackson.....b	KOTN	West Hesseltine.....b
KONR	Antietam.....b	KOTP	Wisia.....b
KONS	Lake Strymon.....b	KOTQ	Red Mountain.....b
KONT	Lake Elsmere.....b	KOTR	West Montop.....b
KONV	Lake Fibert.....b	KOTT	Lake Fenn.....b
KONX	Detroit-Wayne.....b	KOTV	Franklin County.....b
KONZ	City of Alton.....b	KOTX	Delanson.....b
KOPB	Lake Fernalda.....b	KOTZ	Benowa.....b
KOPC	Bavington.....b	KOU	Tidewater.....b
KOPD	Dannedalke.....b	KOV	Kwiguk Slough, Alaska.....c
KOPF	Massick.....b	KOVB	Gulftrade.....b
KOPG	Minnewawa.....b	KOVC	Lake Tippah.....b
KOPJ	Terre Haute.....b	KOVD	Maquan.....b
KOPK	Circinus.....b	KOVF	Amcross.....b
KOPL	Corvus.....b	KOVG	Lake Elmsford.....b
KOPM	Nika.....b	KOvj	Dilworth.....b
KOPP	Eastern Breeze.....b	KOVL	Lake Fandango.....b
KOPQ	Bellflower.....b	KOVM	Robin Adair.....b
KOPR	Kearny.....b	KOVN	E. A. Morse.....b
KOPS	Coolcha.....b	KOVP	Clarksburg.....b
KOPT	Eglantine.....b	KOVQ	Elfay.....b
KOPV	Lake Filion.....b	KOVR	Abercos.....b
KOPX	Mopang.....b	KOVS	Lake Fandon.....b
KOPZ	Centaurus.....b	KOVT	Coeur D'Alene.....b
KOQ	Manoa.....b	KOVV	Coelleda.....b
KOQB	Clauseus.....b	KOVX	Tampa.....b
KOQC	Hagan.....b	KOVZ	I. J. Merritt.....b
KOQD	Hagood.....b	KOW	Mascotte.....b
KOQF	Tri Mountain.....b	KOX	Henry M. Flagler.....b
KOQG	Lake Elmont.....b	KOXB	Haslehurst.....b
KOQJ	Casey.....b	KOXC	Stiwied.....b
KOQK	Coldbrook.....b	KOXD	Tashmoo.....b
KOQL	George C. Greer.....b	KOXF	Tekoa.....b
KOQM	Stand tug No. 1.....b	KOXA	Toledo Bridge.....b
KOQP	McCreary County.....b	KOXA	Tona.....b
KOQQ	West Ivis.....b	KOXX	Tonesit.....b
KOQS	Egremont.....b	KOXL	Tuladi.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.		Call signal.	Station.
KOXM	Vincennes Bridge.....	b	KQUE	Lancaster.....
KOXN	Pirate Cove, Alaska.....	c	KQUO	Lake Chelan.....
KOXP	Von Steuben.....	b	KQUU	West Gambo.....
KOXQ	Agememnon.....	b	KQX	Persian.....
KOXR	Tampico.....	b	KQY	Edward J. Lawrence.....
KOXS	West Jessup.....	b	KQZ	City of Rome.....
KOXT	Robin Gray.....	b	KRA	Freeport Sulphur No. 1.....
KO XV	Roanoke.....	b	KRAA	West Coast.....
KOXX	Steelmaker.....	b	KRAE	Mauban.....
KO XZ	Steel Age.....	b	KRB	Governor Cobb.....
KO Y	Herbert L. Pratt.....	b	KRC	Camden.....
KO Z	Miami.....	b	KRD	Belfast.....
KO ZB	City of Omaha.....	b	KREA	Cape Romain.....
KO ZC	Aeolus.....	b	KREE	Gulfport.....
KO ZD	Rockport.....	b	KREI	Lake Washburn.....
KO ZF	Tenafly.....	b	KREO	Lake Mary.....
KO ZG	Moravia Bridge.....	b	KRF	Ransom B. Fuller.....
KO ZJ	West Niger.....	b	KRG	Freeport Sulphur No. 2.....
KO ZK	West Hika.....	b	KRH	City of Bangor.....
KO ZL	Quaker City.....	b	KRI	City of Rockland.....
KO ZM	Miskianza.....	b	KRIA	Lake Daraga.....
KOZN	Minooka.....	b	KRII	Lake Elsinore.....
KO ZP	Vigilant.....	b	KRIU	Liberator.....
KO ZQ	City of Berkeley.....	b	KRJ	Relief.....
KOZR	Culburra.....	b	KRK	Oswego.....
KOZS	West Ivan.....	b	KRL	Kiowa.....
KOZT	Lake Elmwood.....	b	KRM	Resolute.....
KOZV	William H. Webb.....	b	KRN	Calvin Austin.....
KO ZX	Norumbega.....	b	KRO	Brammell Point.....
KO ZZ	Collamer.....	b	KROE	Aniwa.....
KPA	Seattle, Wash.....	c	KROI	Wampum.....
KPA A	Point Judith.....	b	KROU	Wassalac.....
KPA I	Biloxi.....	b	KROU	Garibaldi.....
KPD	W. H. Tilford.....	b	KRP	Rescue.....
KPE	Seattle, Wash.....	c	KRQ	Manitowoc.....
KPF	General O. H. Ernst.....	b	KRR	C. A. Snider.....
KPG	General H. F. Hodges.....	b	KRS	Paulsboro.....
KPH	Bolinas, Calif.....	c	KRT	San Francisco.....
KPK	Standtow No. 2.....	b	KRU	Fordonian.....
KPL	Moonlite.....	b	KRUI	Santa Flavia.....
KPO	Standtow No. 1.....	b	KRUO	Wakulla.....
KPOU	Salmon.....	b	KRUU	Socony 89.....
KPP	Dawnlite.....	b	KRV	Governor Dingley.....
KPQ	Sunlite.....	b	KRW	Sierra.....
KPR	Daylite.....	b	KRZ	Sudbury.....
KPS	Benjamin Brewster.....	b	KSA	Standard II.....
KPT	Achilles.....	b	KSAA	Socony 89.....
KPU	Ulysses.....	b	KSAE	Rose Mahoney.....
KQA	Harry Farnum.....	b	KSAI	Capines.....
KQAI	Wallowa.....	b	KSAO	Lake Conesus.....
KQB	Walter Hardcastle.....	b	KSB	J. E. O'Neil.....
KQC	Cretan.....	b	KSBV	Shipping Board (general call for all vessels).
KQD	Dorchester.....	b	KSC	Chinampa.....
KQE	Essex.....	b	KSEA	Abscon.....
KQEE	Anoka.....	b	KSEE	Mineola.....
KQEO	Lake Charlotte.....	b	KSEI	Eastern Chief.....
KQF	Gene Crawley.....	b	KSEU	Jonancy.....
KOG	Gloucester.....	b	KSF	Finland.....
KQH	Howard.....	b	KSG	Baton Rouge.....
KQI	Keresaspa.....	b	KSH	Kroonland.....
KQIE	Farnam.....	b	KSI	H. H. Rogers.....
KQII	Santa Olivia.....	b	KSIE	Glen White.....
KQIO	Deranof.....	b	KSII	Lake Catherine.....
KQIU	West Ekonk.....	b	KSIO	Argonne.....
KQJ	Juniata.....	b	KSIU	Lake Benton.....
KQK	Kershaw.....	b	KSJ	Security.....
KQM	Merrimack.....	b	KSK	Caddo.....
KQN	Nantucket.....	b	KSM	Philadelphia.....
KQO	Ontario.....	b	KSN	New York.....
KQO a	Anacortes.....	b	KSO	St. Paul.....
KQOE	Delight.....	b	KSOA	Polar Sea.....
KQOI	Western Light.....	b	KSOC	Standard Oil Co. (general call for all vessels).
KQOO	Western Maid.....	b	KSOE	Lake Eckhart.....
KQP	Mount Sidney.....	b	KSOI	Lake Wimico.....
KQQ	Quantico.....	b	KSOO	Lake Duncan.....
KQR	Grecian.....	c	KSOU	Bylaryl.....
KQS	Washington Bay, Alaska.....	c	KSP	Caloria.....
KQU	Ruth E. Merrill.....	b		
KQUA	Allies.....	b		

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KSQ	Charles Prat.....b	KUCK	Wauwatosa.....b
KSR	Bayway.....b	KUCL	Hudsonian.....b
KST	Princeton.....b	KUCM	Lake Ikatán.....b
KSU	Somerset.....b	KUCN	Eastern Guide.....b
KSUA	F. D. Asche.....b	KUCP	Chisik Island, Alaska.....c
KSV	Standard Arrow.....b	KUCQ	City of Alameda.....b
KSW	Royal Arrow.....b	KUCR	Lake Giddings.....b
KSX	Sylvan Arrow.....b	KUCS	City of Sherman.....b
KSY	Broad Arrow.....b	KUCV	City of Flint.....b
KSZ	Cora F. Cressy.....b	KUCX	Coldwater.....b
KTAA	Alloway.....b	KUCZ	Lake Fillmore.....b
KTAI	Lake Eliko.....b	KUD	Gulfland.....b
KTAO	Lake Frances.....b	KUDC	Tuscan.....b
KTAU	Eastern Star.....b	KUDD	Argon.....b
KTB	Gulfstream.....b	KUDG	West Jester.....b
KTC	Shenango.....b	KUDJ	Mehanno.....b
KTD	Ligonier.....b	KUDK	West Cadron.....b
KTE	Winifred.....b	KUDL	Willsolo.....b
KTEA	Eastern Sea.....b	KUDM	Lake Elwin.....b
KTEE	Western Cross.....b	KUDN	American Press.....b
KTEI	Winnebago.....b	KUDP	Clontarf.....b
KTF	J. M. Guffey.....b	KUDQ	West Hinrod.....b
KTG	Gulffoil.....b	KUDR	Davenport.....b
KTH	Robert P. Clark.....b	KUDS	Rushville.....b
KTI	Brilliant.....b	KUDT	Pilot Point, Alaska.....c
KTIE	Eastern Sun.....b	KUDV	Becharof, Alaska.....c
KTIQ	Fresno.....b	KUDX	Eastern Moon.....b
KTIU	Lake Blanchester.....b	KUDZ	Eastern Gale.....b
KTIJ	Comet.....b	KUE	Gulfcoast.....b
KTL	Rayo.....b	KUF	Mundelta.....b
KTM	Eocene.....b	KUFB	Eastern Knight.....b
KTN	Perfection.....b	KUFC	Lake Floravista.....b
KTO	John D. Rockefeller.....b	KUFD	Lake Florian.....b
KTOA	Lake Narka.....b	KUFF	Lake Floris.....b
KTOE	Mary.....b	KURG	Lake Flournoy.....b
KTOI	Catherine.....b	KUFJ	West Nilus.....b
KTOO	Lake Yemassee.....b	KUFK	Great Falls.....b
KTOU	Lake Markham.....b	KUFP	Steel Voyager.....b
KTP	James McGee.....b	KUFR	Bethlehem Shipbuilding Corp. (special).....b
KTQ	City of Everett.....b	KUFZ	West Campgaw.....b
KTR	Radiant.....b	KUG	Ossa.....b
KTS	Vesta.....b	KUGB	Munplace.....b
KTT	Paraguay.....b	KUGC	Eastern Mariner.....b
KTU	Sun.....b	KUGD	Booyalla.....b
KTUA	Lake Ledan.....b	KUGG	Clearwater.....b
KTUE	Lake Bledsoe.....b	KUGR	Clemence C. Morse.....b
KTUI	Lake Pepin.....b	KUGS	Sioux City.....b
KTUO	Sagadahoc.....b	KUGL	Lake Galisteo.....b
KTUU	Lake Pachuta.....b	KUGM	Ripon.....b
KTV	Dulcino.....b	KUGN	Lake Haresti.....b
KTX	Socony.....b	KUGP	Seminole.....b
KTY	W. C. Teagle.....b	KUGQ	Star of Holland.....b
KTZ	Brindilla.....b	KUGR	Summerleaf.....b
KUA	Gulflight.....b	KUGS	Blue Triangle.....b
KUB	Gulfmaid.....b	KUGT	Jomar.....b
KUBB	Cold Harbor.....b	KUGV	Willhilo.....b
KUBC	Laramie.....b	KUGX	Mason City.....b
KUBD	Claremont.....b	KUGZ	Maddequet.....b
KUBF	San Diego.....b	KUH	Munwood.....b
KUBG	Betterton.....b	KUI	Munamar.....b
KUBJ	Liberty Minquas.....b	KUJ	Mundale.....b
KUBK	Bearport.....b	KUJB	The Angeles.....b
KUBL	Pawlet.....b	KUJC	Bayport.....b
KUBM	St. Anthony.....b	KUJD	Baddacock.....b
KUBN	Robin Goodfellow.....b	KUJF	Kerhonkson.....b
KUBP	City of Alma.....b	KUJK	Havilah.....b
KUBR	Lake Elva.....b	KUJL	Ozmo.....b
KUBS	Indiana Harbor.....b	KUJP	Hutchinson.....b
KUBT	Lake Fedora.....b	KUJQ	Ethan Allen.....b
KUBV	Higho.....b	KUJR	City of Joliet.....b
KUBX	Koggiung (permanently moored scow).....c	KUJS	Winston-Salem.....b
KUBZ	Dellwood.....b	KUJT	Eastern Belle.....b
KUC	Gulf of Mexico.....b	KUJV	Eastern Crag.....b
KUCB	New England.....b	KUJX	Liberty Bell.....b
KUCC	Plow City.....b	KUJZ	Quabbin.....b
KUCD	Riverside Bridge.....b	KUK	Munsomo.....b
KUCF	Virginia Bridge.....b	KUKB	Aragon.....b
KUCG	Des Moines Bridge.....b	KUKC	Schuykill Bridge.....b
KUCJ	Holyoke Bridge.....b		

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.		
KUKD	East Chicago.....	b	KUPP	Cubore.....	b
KUKF	Fort Armstrong.....	b	KUPQ	Ogden, Utah.....	c
KUKG	Anthracite Bridge.....	b	KUPS	Naugus.....	b
KUKJ	West Jappa.....	b	KUPT	Waterbury.....	b
KUKK	Noddle Island.....	b	KUPV	Kehuku.....	b
KUKL	Pittsburgh Bridge.....	b	KUPX	Hawarden.....	b
KUKM	Tancarville.....	b	KUQ	Maine.....	b
KUKN	Louise.....	b	KUQB	Fueloil.....	b
KUKP	Mohinkis.....	b	KUQC	Panoil.....	b
KUKQ	Selma.....	b	KUQD	Crudo.....	b
KUKR	Latham.....	b	KUQF	Martha Washington.....	b
KUKS	Eastern Merchant.....	b	KUQG	Padnsay.....	b
KUKT	Conejos.....	b	KUQJ	West Nivaria.....	b
KUKV	West Hixton.....	b	KUQK	West Keats.....	b
KUKX	Collingsworth.....	b	KUQL	Pulaski.....	b
KUL	Louisiana.....	b	KUQM	Las Vegas.....	b
KULB	Pinellas.....	b	KUQN	J. F. Penrose.....	b
KULC	Chickamauga.....	b	KUQP	Unicoi.....	b
KULD	Lake Geyser.....	b	KUQQ	Conehatta.....	b
KULF	Fishkill.....	b	KUQR	Everett.....	b
KULG	Darien.....	b	KUQS	Margaret.....	b
KULJ	Eastern Pilot.....	b	KUQT	Eastern Dawn.....	b
KULK	Eastern Trader.....	b	KUQX	Juvigny.....	b
KULL	Donald McKay.....	b	KUQZ	Montfacon.....	b
KULM	Ario.....	b	KUR	Georgia.....	b
KULN	Arizpa.....	b	KURB	Hinckley.....	b
KULP	Toopi.....	b	KURC	Cathwood.....	b
KULQ	Pylos.....	b	KURD	Arcturus.....	b
KULR	Vallonia.....	b	KURF	Chappaqua.....	b
KULS	Outagamie.....	b	KURG	Artigas.....	b
KULT	Commack.....	b	KURJ	J. L. Reiss.....	b
KULV	San Juan.....	b	KURK	Fleetco.....	b
KULX	Otho.....	b	KURL	John R. Gibbons.....	b
KULZ	Lyndonia.....	b	KURM	Eastern Admiral.....	b
KUM	Texas.....	b	KURN	Manatee.....	b
KUMB	Lake Ganado.....	b	KURP	Salaam.....	b
KUMC	Utacarbon.....	b	KURR	Henry Steers.....	b
KUMF	Dunsyre.....	b	KURS	Pilgrim.....	b
KUMG	Homer.....	b	KURT	Brookline.....	b
KUMK	Freeport Sulphur No. 5.....	b	KURV	Ohonkara.....	b
KUML	Oklahoma City.....	b	KURX	Eastern Coast.....	b
KUMM	West Calera.....	b	KURZ	Suboato.....	b
KUMN	Portola Plumas.....	b	KUS	Florida.....	b
KUMQ	Commerant.....	b	KUSB	Suedco.....	b
KUMR	Colthrap.....	b	KUSC	Sunelseco.....	b
KUMS	Atlantic Sun.....	b	KUSD	Huron.....	b
KUMT	Solitaire.....	b	KUSF	Capital of Nebraska.....	b
KUMV	Lake Glaucus.....	b	KUSG	West Nomentum.....	b
KUMX	Lake Flag.....	b	KUSJ	Occidental.....	b
KUMZ	Lake Hector.....	b	KUSK	City of Reno.....	b
KUN	Neptune.....	b	KUSL	Pioneer.....	b
KUNB	Lake Harminia.....	b	KUSM	John F. Hyland.....	b
KUNC	Lake Gunn.....	b	KUSN	Aquarius.....	b
KUND	Eastern Glade.....	b	KUSP	Crown City.....	b
KUNF	Eastern Ocean.....	b	KUSQ	Eastern Cloud.....	b
KUNG	Union Liberty.....	b	KUSR	Nemaha.....	b
KUNJ	Evergreen City.....	b	KUSS	William A. Whitney.....	b
KUNK	Neshobee.....	b	KUST	West Camak.....	b
KUNL	Oronoke.....	b	KUSV	Mattole.....	b
KUNM	Wheeling Mold.....	b	KUSX	Baccarat.....	b
KUNN	Jennie R. Morse.....	b	KUSZ	Adria.....	b
KUNP	Freeport Sulphur No. 6.....	b	KUT	Pan-American.....	b
KUNQ	Eastern Crown.....	b	KUTB	Haxtum.....	b
KUNR	Eastern Victor.....	b	KUTC	West Mahwah.....	b
KUNS	City of Vernon.....	b	KUTD	Anna E. Morse.....	b
KUNT	George B. MacKenzie.....	b	KUTF	Eastern Maid.....	b
KUNV	Winona.....	b	KUTG	Delrosa.....	b
KUNZ	Chickasaw City.....	b	KUTJ	Pallas.....	b
KUP	Pennsylvania.....	b	KUTK	City of Lordsburg.....	b
KUPB	Italia.....	b	KUTM	John P. Reiss.....	b
KUPC	Pinthis.....	b	KUTN	Christabel.....	b
KUPD	Eastern Planet.....	b	KUTP	Canco.....	b
KUPF	Hahatonka.....	b	KUTQ	Iroquois.....	b
KUPG	Greenland.....	b	KUTR	Springfield.....	b
KUPJ	West Cahokia.....	b	KUTS	Vacuum.....	b
KUPK	Darden.....	b	KUTT	Birmingham City.....	b
KUPL	Conness Peak.....	b	KUTV	Lake Furnas.....	b
KUPM	Patrick Henry.....	b	KUTX	Richeconal.....	b
KUPN	Capillo.....	b	KUTZ	Rochester.....	b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.		Call signal.	Station.
KUU	Brabant.	b	KVO	Sagua.
KUV	Virginia.	b	KVOE	Lake Garza.
KUUVB	Eastern Glen.	b	KVOI	Lake Gaspar.
KUVC	City of Weatherford.	b	KVOO	Lake Yelverton.
KUVD	Argus.	b	KVOU	Lake Gakona.
KUVF	Sebonac.	b	KVP	Charles Braley.
KUVG	Eastern Tempest.	b	KVR	Elinor.
KUVJ	Agron.	b	KVS	Gulf Queen.
KUVK	Steel Mariner.	b	KVUA	Lake Ormoc.
KUVL	Steel Trader.	b	KVUE	Lake Akkra.
KUVM	Iloilo, P. I.	c	KVUO	Lake Gedney.
KUVP	Hastnai.	b	KVUU	Lake Hewes.
KUVQ	Johnwood, Mich.	c	KVV	Koggiung, Alaska.
KUVR	Jordan, Mont.	c	KVX	Allagash.
KUVT	Jolee.	b	KVY	William Isom.
KUVV	Cardonia.	b	KVZ	Relay.
KUVX	Half Moon.	b	KWA	Mt. Vernon Bridge.
KUVZ	West Norranus.	b	KWB	Fort Pitt Bridge.
KUW	New York.	b	KWC	Morro Castle.
KUX	Munalbro.	b	KWD	Antilla.
KUXB	West Holbrook.	b	KWE	Santiago.
KUXC	San Pasqual.	b	KWF	Cauto.
KUXD	Cuyamaca.	b	KWH	Port Chatham, Alaska.
KUXF	Loretta.	b	KWI	Camaguey.
KUXG	Malangas, P. I.	c	KWJ	Yucca.
KUXJ	Cebu, P. I.	c	KWK	W. B. Keene.
KUXK	Batangas, P. I.	e	KWL	Yadkin.
KUXL	Tippecanoe.	b	KWM	Panuco.
KUXM	Cheboygan, Mich.	c	KWN	Guantanamo.
KUXN	Miles City, Mont.	c	KWO	Port Beauclaire, Alaska.
KUXP	Dallas, Tex.	c	KWP	Sunoil.
KUXQ	Wichita Falls, Tex.	c	KWQ	Salchuck, Alaska.
KUXR	John Jay.	b	KWR	Port Moller, Alaska.
KUXS	Agylla.	b	KWS	Lost Harbor, Alaska.
KUXT	Long Beach, Calif.	c	KWT	Palo Alto, Calif.
KUXV	Pedrocitas, Calif.	c	KWU	Katrina Luckenbach.
KUXZ	Honedaga.	b	KWV	Sacramento.
KUZ	Coastwise.	b	KWW	Radioville, Alaska.
KUZB	Cristina.	b	KWX	Mexico.
KUZC	Hahira.	b	KWY	Monterey.
KUZD	Jim Sid.	b	KWZ	Esperanza.
KUZF	Suholco.	b	KXA	Boston.
KUZG	Sutransco.	b	KXAA	Lake Alvada.
KUZJ	Suelco.	b	KXAE	Lake Delancy.
KUZK	Suportco.	b	KXAI	Lake Galera.
KUZL	Anahuaç.	b	KXAO	Lake Otsquago.
KUZM	Quillwark.	b	KXAU	Lake Harris.
KUZN	Pansa.	b	KXB	City of Lowell.
KUZP	Hayden.	b	KXC	Commonwealth.
KUZQ	Salina.	b	KXE	Mohawk.
KUZR	Capulin.	b	KXEA	Lake Pleasant.
KUZS	Ensley City.	b	KXEE	Lake Marion.
KUZT	Eastern Sailor.	b	KXEI	Lake Sanford.
KUZV	Dungannon.	b	KXEO	Lake Gardner.
KUZX	Carib.	b	KXEU	Lakeville.
KUZZ	Cayo Mambi.	b	KXF	New Hampshire.
KVA	Apache.	b	KXG	Archer.
KVAA	Lake Osweya.	b	KXH	Plymouth.
KVAE	Lake Benbow.	b	KXI	Priscilla.
KVAI	Socony 82.	b	KXIE	Calaveras.
KVAO	Socony 83.	b	KXII	Calicorock.
KVB	Arapahoe.	b	KXIO	Calispell.
KVC	Comanche.	b	KXIU	Lake Calistoga.
KVD	Munrino.	b	KXJ	Providence.
KVE	Munindies.	b	KXK	Funter, Alaska.
KVEA	Bellota.	b	KXL	City of Taunton.
KVEI	West Galoc.	b	KXM	Mohegan.
KVF	Iroquois.	b	KXN	New Haven.
KVG	Chestnut Hill.	b	KXO	City of Brockton.
KVH	Huron.	b	KXOA	Stav of Lapland.
KVII	Montclair.	b	KXOE	Severance.
KVIO	Lake Pearl.	b	KXOI	Standard.
KVIU	Allentown.	b	KXOU	Lake Lesa.
KVI	Unga Island, Alaska.	c	KXP	Pequonnock.
KVJ	Walter D. Munson.	b	KXQ	Chester W. Chapin.
KVK	Cherokee.	b	KXR	Richard Peck.
KVL	Lenape.	b	KXS	Boston.
KVM	Mohawk.	b	KXT	Fairmont.
KVN	Tanamo.	b	KXU	Westfield.

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.	
KXUA	Lake Geneva.....	b	WAJ Jefferson.....	.b
KXUE	Eastern Queen.....	b	WAK Valdez.....	.b
KXUI	Lake Lillian.....	b	WAL Santa Ana.....	.b
KXUO	Admiral Sims.....	b	WAM Juneau.....	.b
KXUU	Coyote.....	b	WAN Northwestern.....	.b
KXV	Nelson Lagoon, Alaska.....	c	WAO Rajah.....	.b
KXW	Ikatan, Alaska.....	c	WAP Lake Crescent.....	.b
KXX	Stephen R. Jones.....	b	WAQ Democracy.....	.b
KXY	Lewis K. Thurlow.....	b	WAR Cordova.....	.b
KXZ	Felix Toussig.....	b	WAS Chester Sun.....	.b
KYA	Kanawha.....	b	WAT Skagway.....	.b
KYB	North Wind.....	b	WAU Point Loma.....	.b
KYC	Corsair.....	b	WAV Philippines.....	.b
KYD	Mount Baker.....	b	WAW Admiral Watson.....	.b
KYE	Castana.....	b	WAX Belia.....	.b
KYF	Mclellan.....	b	WAY Admiral Dewey.....	.b
KYH	Aloha.....	b	WAZ Admiral Schley.....	.b
KYK	Karluk, Alaska.....	e	WBA Santa Clara.....	.b
KYL	Alitak, Alaska.....	e	WBAI Hefron.....	.b
KYM	Armenia.....	b	WBB Santa Cecilia.....	.b
KYO	Noma.....	b	WBC East Moriches, N. Y.....	c
KYP	Oneida.....	b	WBD Santa Cruz.....	.b
KYR	Undaunted.....	b	WBE Cacique.....	.b
KYS	Yosemite.....	b	WBFI Airlie.....	.b
KYT	Redondo.....	b	WBF Boston, Mass.....	c
KYU	Mohawk.....	b	WBG Venezuela.....	.b
KYV	Ascutney.....	b	WBH Colombia.....	.b
KYX	Wana.....	b	WBIA Chichung.....	.b
KYZ	Thorobred.....	b	WBJ Santa Barbara.....	.b
KZA	Alberta.....	b	WBK Saucon.....	.b
KZAA	Middlebury.....	b	WBM Redondo.....	.b
KZAE	Lake Linden.....	b	WBN Ecuador.....	.b
KZAI	Lake Winthrop.....	b	WBO Santa Rosa.....	.b
KZAO	Lake Wilson.....	b	WPB Hermosa.....	.b
KZAU	Lake Yahara.....	b	WBQ Santa Paula.....	.b
KZB	Alicia.....	b	WBR Santa Rita.....	.b
KZD	Cornelia.....	b	WBUA Lake Gravity.....	.b
KZEA	Kekekticut.....	b	WBUE Lake Greenbrier.....	.b
KZEE	Lake Berdan.....	b	WBUI Lake Gretna.....	.b
KZEI	Lake Dymer.....	b	WBUO Lake Grogan.....	.b
KZEO	Lake Dancey.....	b	WBUU Lake Forney.....	.b
KZEU	Lake Agomak.....	b	WBV Cabrillo.....	.b
KZF	Edith.....	b	WBW Burrwood, La.....	c
KZG	Carolyn.....	b	WBX Santa Ana.....	.b
KZH	Helen.....	b	WCA Tionesta.....	c
KZIA	Lake Aurice.....	b	WCB Juniata.....	.b
KZIE	Lake Winooski.....	b	WCC Chatham, Mass.....	c
KZII	Lake Belnona.....	b	WCE Parthian.....	.b
KZIO	Lake Lilicusun.....	b	WCEE Kuwa.....	.b
KZIU	Sagaporack.....	b	WCF Favorite.....	.b
KZJ	Jean.....	b	WCG Brooklyn, N. Y.....	c
KZK	Hilton.....	b	WCH Huron.....	.b
KZL	Halcyon.....	b	WCI New Port, R. I.....	c
KZO	Margaret.....	b	WCIA Bellingham.....	.b
KZOA	Lake Medford.....	b	WCIE Eastport.....	.b
KZOE	Lake Arline.....	b	WCII Invincible.....	.b
KZOI	Lake Helen.....	b	WCIO Lake Lemando.....	.b
KZOO	Lake Indian.....	b	WCIU Naiwa.....	.b
KZOU	Lake Orange.....	b	WCL Westchester.....	.b
KZP	Evelyn.....	b	WCO Wyandotte.....	.b
KZQ	Ruth.....	b	WCOE Socony 84.....	.b
KZR	Remlik III.....	b	WCOI Socony 92.....	.b
KZS	Santanta.....	b	WCOO Liberty.....	.b
KZT	Everett.....	b	WCOU Lake Kyttle.....	.b
KZU	United States.....	b	WCP Casco.....	.b
KZUI	Oneo.....	b	WCR The Harvester.....	.b
KZUE	Kosciuszko.....	b	WCS Alpena.....	.b
KZUU	Lake Louise.....	b	WCT Theodore Roosevelt.....	.b
KZV	Malden.....	b	WCU Conneaut.....	.b
KZW	Melrose.....	b	WCUA Lake Forsby.....	.b
KZX	Newton.....	b	WCUE Lake Fossil.....	.b
WAA	Alameda.....	b	WCUO Lake Franconia.....	.b
WAB	Saugerties.....	b	WCUU Lake Fran.....	.b
WAC	Chicago.....	b	WCV The Limit.....	.b
WAD	Victoria.....	b	WCW Woonsocket.....	.b
WAE	Ketchikan.....	b	WCX Cleveland, Ohio.....	c
WAF	Admiral Farragut.....	b	WCY Cape May, N. J.....	c
WAG	Admiral Sebree.....	b	WCZ Illinois.....	.b
WAH	Dora.....	b	WDA Pere Marquette.....	.b
WAI	Latouche.....	b	WDAO Herman Winter.....	.b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.	
WDB	Pere Marquette 19.	b	WFN	Lake Butler.....b
WDC	Pere Marquette 17.	b	WFOA	Hickmet.....b
WDD	Pere Marquette 18.	b	WFOE	Lewis Luckenbach.....b
WDE	Pere Marquette 20.	b	WFOT	Oaks.....b
WDEI	Crawl Keys.....b	b	WFOO	William N. Page.....b
WDEO	Steadfast.....b	b	WFOP	Phoenix Bridge.....b
WDEU	Bayamo.....b	b	WFPP	City of Erie.....b
WDF	Astmahaco IV.....b	b	WFQ	City of Buffalo.....b
WDG	Otsego.....b	b	WFR	State of Ohio.....b
WDH	Petoskey.....b	b	WFS	Seabee.....b
WDI	City of Miami.....b	b	WFT	Charles O. Jenkins.....b
WDIA	South Pole.....b	b	WFU	F. B. Squire.....b
WDIE	Watheena.....b	b	WFUA	Lake Freezout.....b
WDII	Watowwan.....b	b	WFUE	Lake Frenchton.....b
WDIO	Westmead.....b	b	WFUI	A. E. R. Schneider.....b
WDIU	West View.....b	b	WFUU	Oshkosh.....b
WDJ	Fall River Mills, Calif.....c	c	WFV	Sir Thomas Shaughnessy.....b
WDK	Susanville, Calif.....c	c	WFW	Manitou.....b
WDL	Lakeland.....b	b	WFX	Missouri.....b
WDN	Ann Arbor No. 3.....b	b	WFY	Sialia.....b
WDO	Ann Arbor No. 4.....b	b	WFZ	Coronado.....b
WDOA	Agwidale.....b	b	WGA	City of Seattle.....b
WDOE	Auburn.....b	b	WGAA	Englewood.....b
WDOI	Cape May.....b	b	WGAE	Galesburg.....b
WDOO	Federal.....b	b	WGAI	Morristown.....b
WDP	Fort Wayne.....b	b	WGAO	Shreveport.....b
WDQ	Ann Arbor No. 5.....b	b	WGB	Astmahaco III.....b
WDR	Ann Arbor No. 6.....b	b	WGC	W. F. White.....b
WDS	Detroit, Mich.....c	c	WGD	Oregon.....b
WDU	City of Grand Rapids.....b	b	WGE	Spokane.....b
WDUA	Puritan.....b	b	WGEA	Easterner.....b
WDUI	Lake Fraze.....b	b	WGEI	East Indian.....b
WDUO	Lake Freeborn.....b	b	WGGE	Tuckerton, N. J.....c
WDUU	Lake Freed.....b	b	WGGL	West Gramma.....b
WDV	Lake Freeland.....b	b	WGIA	Nantahala.....b
WDX	City of Benton Harbor.....b	b	WGIE	Northland.....b
WEA	Lake Tulara.....b	b	WGJ	Curacao.....b
WEB	City of Cleveland III.....b	b	WGK	Carl D. Bradley.....b
WEC	City of Mackinac II.....b	b	WGN	Chicago, Ill.....c
WED	City of Detroit II.....b	b	WGO	Polar Bear.....b
WEE	Western States.....b	b	WGOE	Saccarappa.....b
WEF	Eastern States.....b	b	WGOI	Wautbesa.....b
WEG	City of Detroit III.....b	b	WGOO	West Cressey.....b
WEH	City of St. Ignace.....b	b	WGQP	President.....b
WEI	City of Alpena II.....b	b	WGQ	City of Puebla.....b
WEJ	E. J. Earling.....b	b	WGS	Senator.....b
WEK	Samuel Mitchell.....b	b	WGT	Western Pride.....b
WEL	Minnesota.....b	b	WGUA	Oskawa.....b
WEM	C. A. Smith.....b	b	WGUI	Brandywine.....b
WEN	Susquehanna.....b	b	WGWW	Mount Sterling.....b
WEO	North American.....b	b	WGXX	Queen.....b
WEP	South American.....b	b	WGZ	Guardian.....b
WEQ	Western King.....b	b	WHB	New York, N. Y.....c
WER	Montrolute.....b	b	WHC	Columbia.....b
WES	Puget Sound.....b	b	WHE	Philadelphia, Pa.....c
WET	Point Adams.....b	b	WHF	Callao.....b
WEU	West Gotomaska.....b	b	WHG	W. F. Burrows.....b
WEX	Western Star.....b	b	WHH	Mount Shasta.....b
WEZ	Marquette & Bessemer No. 2.....b	b	WHI	New York, N. Y.....c
WFA	Ashtabula.....b	b	WHJ	Gdansk.....b
WFAE	Georgia.....b	b	WHL	Ventura.....b
WFAI	West Galeta.....b	b	WHM	Sonoma.....b
WFAO	West Hobomac.....b	b	WHP	Point Arena.....b
WFB	Volunteer.....b	b	WHR	Abner Coburn.....b
WFC	Alabama.....b	b	WHS	Stanley Dollar.....b
WFE	Indiana.....b	b	WHT	Whittier.....b
WFEA	Carolina.....b	b	WHV	Velero.....b
WFEF	Eastern King.....b	b	WHX	Humboldt.....b
WFEI	Winding Gulf.....b	b	WHZ	Johanna Smith.....b
WFEQ	West Hosokie.....b	b	WIA	Silver Shell.....b
WFEU	Westport.....b	b	WIB	Gold Shell.....b
WFF	Matanzas.....b	b	WIC	Pearl Shell.....b
WFG	Franklin.....b	b	WID	Charles E. Harwood.....b
WFFH	Arizona.....b	b	WIE	Edward L. Doheny.....b
WFIA	Avalon.....b	b	WIF	Herbert G. Wylie.....b
WFII	Western Hope.....b	b	WIG	Norman Bridge.....b
WFJ	Major Wheeler.....b	b	WIH	C. A. Canfield.....b
WFL	Christopher Columbus.....b	b	WII	(New Brunswick, N. J. (transmitting).....c
	Lake Arthur.....b	b		(Belmar, N. J. (receiving).....c

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.	
WIJ	Edward L. Doheny, jr.	.b	WKUI	Western Belle.
WIN	Colusa.	.b	WKUU	West Zeda.
WIQ	Frederic R. Kellogg.	.b	WKV	Virginian.
WIS	E. R. Sterling.	.b	WKX	Westward Ho.
WIT	George G. Henry.	.b	WKW	Absaroka.
WIU	Restorer.	.b	WKZ	Canoga.
WIV	Oscar D. Bennett.	.b	WLA	Benj. F. Packard.
WIW	J. M. Danziger.	.b	WLAA	Sarcoxie.
WIX	Harold Walker.	.b	WLAE	Barlow.
WIY	William Green.	.b	WLAI	Lake Grandon.
WJA	Andalusia.	.b	WLAU	Lake Fluvanna.
WJAA	Sangamon.	.b	WLC	New London, Conn.
WJAI	Yuma.	.b	WLE	Maitland No. 1.
WJAO	M. J. Scanlon.	.b	WLEA	Lake Farge.
WJB	Kermoar.	.b	WLEE	Lake Faristell.
WJC	Mount Seward.	.b	WLEI	Lake Forkville.
WJEA	Mojave.	.b	WLEO	Lake Cathcoon.
WJEE	Red Cloud.	.b	WLKU	Lake Fugard.
WJEI	Plainfield.	.b	WLF	Coosa.
WJEQ	Phoenix.	.b	WLG	Yucatan.
WJF	Teresa.	.b	WLH	Fort Bragg.
WJG	Porto Rico.	.b	WLJ	Westbrook.
WJIA	West Zucker.	.b	WLIA	Santa Teresa.
WJIE	Guimba.	.b	WLII	Goree.
WJII	Oskaloosa.	.b	WLIO	Nantasket.
WJIO	Independence.	.b	WLJ	Monticello.
WJIU	Schenectady.	.b	WLLO	Greenwood.
WJJ	Florida.	.b	WLQ	Warszawa.
WJL	Wachusett.	.b	WLL	Black Arrow.
WJM	J. C. Donnell.	.b	WLM	Orion.
WJN	Munaires.	.b	WLNO	Cadretta.
WJO	Nyanza.	.b	WLQ	Barkhamstead.
WJOA	West Elcasco.	.b	WLQ	Sabine Sun.
WJOE	West Eldara.	.b	WLR	Floridian.
WJOI	West Loquassuck.	.b	WLS	Princess Matoika.
WJOO	West Madaket.	.b	WLT	Neuse.
WJOU	West Kyska.	.b	WLW	Pawnee.
WJP	Tunica.	.b	WLWI	Alamosa.
WJQ	Western Front.	.b	WLWU	Alcona.
WJR	W. M. Tupper.	.b	WLWU	Ingold.
WJS	Amphion.	.b	WLWV	Ida.
WJU	Osage.	.b	WLWX	Pequot.
WJUI	Cohasset.	.b	WLWY	Poznam.
WJUO	Magunkook.	.b	WLWZ	Montpelier.
WJV	Guaro.	.b	WMA	Multnomah.
WJW	Wyandotte.	.b	WMAA	Lake Furley.
WJZ	Newark, N. J.	.c	WMAE	Cowanshannock.
WKA	Alaskan.	.b	WMAI	Cowboy.
WKAE	Socony 85.	.b	WMAO	Cooee.
WKAI	Lake Zaliski.	.b	WMD	West Shore.
WKAQ	Lake Pickaway.	.b	WMEA	Costilla.
WKAU	Lake Copley.	.b	WMEI	Cote Blanche.
WKB	Arizona.	.b	WMEO	Cotopaxi.
WKD	Dakotan.	.b	WMEU	Cottonplant.
WKE	Kentuckian.	.b	WMF	Cottonwood.
WKEA	Lake Deval.	.b	WMG	Celilo.
WKEE	Lake Cahoon.	.b	WMI	Wapama.
WKEI	Lake Ypsilanti.	.b	WMIO	Minnesota.
WKEO	Goodspeed.	.b	WMIU	W. H. McLean.
WKF	American.	.b	WMJ	Charles L. Hutchinson.
WKG	S. M. Spalding.	.b	WMK	Ernest H. Meyer.
WKH	Hollywood.	.b	WML	Hyades.
WKII	Eastern Light.	.b	WMM	Lurline.
WKIO	Eastern Shore.	.b	WMN	Freeman.
WKIU	Eastern Cross.	.b	WMO	Enterprise.
WKJ	Iowan.	.b	WMOA	Wilhelmina.
WKK	Isaac L. Rice.	.b	WMP	Tillamook.
WKL	Mexican.	.b	WMQ	Matsonia.
WKM	Minnesotan.	.b	WMR	Manoa.
WKO	Oregonian.	.b	WMS	Maui.
WKO0	Connerville.	.b	WMT	Wahkeena.
WKOU	Central American.	.b	WMUA	Point Bonita.
WKP	Pennsylvanian.	.b	WMUE	Wheaton.
WQQ	Ohioan.	.b	WMUI	Cokato.
WKR	Panaman.	.b	WMUO	Charlot.
WKS	West Arrow.	.b	WMV	Panola.
WKT	Texan.	.b	WMY	Kermit.
WKT	Hawaiian.	.b		A. M. Byers.

**COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.**

Call signal.	Station.	Call signal.	Station.
WMZ	Honolulu.....b	WQD	Hisko.....b
WNAA	Craintreek.....b	WQE	Harvey H. Brown.....b
WNAE	Cranemest.....b	WQE	Lithopolis.....b
WNAI	Craycroft.....b	WQE	Everglades.....b
WNAO	Lake Callicoon.....b	WQE	West Zula.....b
WNAU	Lake Fresco.....b	WQE	Canibas.....b
WNB	El Capitan.....b	WQF	Harry W. Croft.....b
WNC	Wabash.....b	WQG	Fayette Brown.....b
WND	Windber.....b	WQH	M. A. Bradley.....b
WNE	Nushagak.....b	WQI	Costa Rica.....b
WNEA	Lake Charlottesville.....b	WQIA	Mexoil.....b
WNEO	Dio.....b	WQII	Holbrook.....b
WNF	Hattie Luckenbach.....b	WQIO	Neponset.....b
WNG	Otto M. Reiss.....b	WQJ	Sarah Weems.....b
WNH	Clemens A. Reiss.....b	WQOA	Tipton.....b
WNI	William A. Reiss.....b	WQOE	Garfield.....b
WNIE	Agawam.....b	WQOI	Tolo.....b
WNII	Challenger.....b	WQQ	Rappahannock.....b
WNIO	Python.....b	WQR	Nansemond.....b
WNIU	Cornucopia.....b	WQS	Artemis.....b
WNK	Richard J. Reiss.....b	WQT	Watauga.....b
WNL	Lake St. Clair.....b	WQU	Cuba.....b
WM	Florence Luckenbach.....b	WQUA	Cokesfield.....b
WNM	Belfast, Me.....c	WQUE	Edgecombe.....b
WNM	Pleiades.....b	WQUO	Iconium.....b
WNQ	Frederic Ewing.....b	WQUU	Jacona.....b
WNR	Rush.....b	WQW	Jeannette Skinner.....b
WNS	Kvichak.....b	WQZ	West Eagle.....b
WNU	New Orleans, La.....c	WRA	O. A. Hermanson.....b
WNNU	Brookdale.....b	WRAE	Alabama.....b
WNV	Hatteras.....b	WRAI	Allegheny.....b
WNW	San Ramon.....b	WRB	Berlin.....b
WNX	Peter Reiss.....b	WRC	Silverado.....b
WNY	New Brunswick, N. J.....c	WRD	D. G. Scofield.....b
WNZ	F. J. Luckenbach.....b	WRE	J. A. Moffett.....b
WOA	Admiral Rodman.....b	WREA	West Lashaway.....b
WOD	Beaumont, Tex.....c	WREE	Waiconda.....b
WOF	Horace X. Baxter.....b	WREI	Quiskeconk.....b
WOG	Fred Baxter.....b	WREO	Zirkel.....b
WOJ	Iris.....b	WREU	Governor John Lind.....b
WOL	Los Angeles.....b	WRF	Amelia.....b
WOM	William A. McKenney.....b	WRG	Annetta.....b
WON	La Brea.....b	WRH	Harvard.....b
WOP	Lake Elizabeth.....b	WRI	Paraiso.....b
WOT	Coalings.....b	WRIE	Lake Gorin.....b
WOV	Venetia.....b	WRIO	Star 1.....b
WOW	Henry J. Biddle.....b	WRJ	Admiral Goodrich.....b
WOX	Levi G. Burgess.....b	WRN	Siboney.....b
WOY	Queen II.....b	WRO	Middlesex.....b
WPAE	Sag Harbor.....b	WROA	West'pool.....b
WPAI	Yomachichi.....b	WROE	Indianapolis.....b
WPAO	Wilcox.....b	WROI	Lydia.....b
WPC	Tyee.....b	WROO	E. L. Doheny, 3rd.....b
WPE	Tatoosh.....b	WRS	Suffolk.....b
WPH	S. M. Fischer.....b	WRUO	Quittacas.....b
WPI	Independent.....b	WRV	Alliance.....b
WPIE	Corrales.....b	WRX	Ozama.....b
WPPI	Corsicana.....b	WRV	Yale.....b
WPIO	Lake Fostoria.....b	WRZ	Rainier.....b
WPIU	Lake Fouche.....b	WSA	East Hampton, N. Y.....c
WPJ	Mount Summit.....b	WSAE	Apalachee.....b
WPK	Florence Olson.....b	WSAO	Alabat.....b
WPL	Seafarer.....b	WSC	Siasconset, Mass.....c
WPN	Pioneer.....b	WSD	Redwood.....b
WPOO	Washitenaw.....b	WSE	New York, N. Y. (see Babylon).....c
WPOU	Charles M. Everest.....b	WSEA	Defiance.....b
WPQ	Zapora.....b	WSEE	W. L. Steed.....b
WPR	Ensenada, P. R.....c	WSEI	Cricket.....b
WPS	Starr.....b	WSEO	Lake Fondulac.....b
WPUE	Caddopeak.....b	WSEU	Lake Buckeye.....b
WPUI	Callabasas.....b	WSF	Admiral Wainwright.....b
WPDU	Cascade.....b	WSG	Norwood.....b
WPUU	Coaxet.....b	WSI	Santa Inez.....b
WPV	H. M. Whitney.....b	WSJ	Santa Alicia.....b
WPW	James S. Whitney.....b	WSK	New York, N. Y.....c
WPX	Oneonta.....b	WSM	Fair Oaks.....b
WPY	Walula.....b	WSO	{ Marion, Mass. (transmitting); Chatham, WQAU Hoosac.....b } Mass. (receiving).....c

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
WSOE	Mount Rainier.....b	WVEU	Isanti.....b
WSOI	West Sequana.....b	WVIA	Lake Gormania.....b
WSOO	Crathorne.....b	WVIE	Yamhill.....b
WSP	Westhampton.....b	WVIU	Lake Govan.....b
WSQ	Vizcaya.....b	WVO	Davao, P. I.....c
WSR	Reuce.....b	WVOE	Couparie.....b
WSS	St. Nicholas.....b	WVOI	Courtois.....b
WST	Rockland, Me.....c	WVOO	Coushatta.....b
WSU	Republic.....b	WVOU	Coutoleme.....b
WSUA	West Helix.....b	WVS	Jolo, P. I.....b
WSUE	West Wauna.....b	WVT	Malabang, P. I.....c
WSUI	West Wauneka.....b	WVUA	Courageous.....b
WSUU	Lake Gradan.....b	WVUE	J. B. Stetson.....b
WSW	Willamette.....b	WVV	Puerto Princesa Paragua, P. I.....c
WSZ	Bremerton.....b	WVV	Zamboanga, P. I.....c
WTAA	Lake Beacon.....b	WVX	Cuyo, P. I.....c
WTAE	Lake Desha.....b	WVY	San Jose, P. I.....c
WTAI	Lake Mattato.....b	WVA	China.....b
WTAO	Lake Licoco.....b	WWC	Western Wave.....b
WTC	Lansing.....b	WWD	Arcadia.....b
WTD	Oleum.....b	WWE	Manchuria.....b
WTE	Tamesi.....b	WWF	City of Para.....b
WTEE	Cedar Spring.....b	WWH	Newport.....b
WTEI	Ceralvo.....b	WWK	Western Queen.....b
WTEO	Cerosco.....b	WWL	San Jose.....b
WTEU	Coperas.....b	WWM	San Juan.....b
WTF	Westwood.....b	WWN	Mongolia.....b
WTG	Santa Rita.....b	WWP	Ausable.....b
WTH	Westlake.....b	WWR	Rose City.....b
WTII	Socony 90.....b	WWS	Alaska.....b
WTIO	Socony 94.....b	WXAA	Ozaukee.....b
WTIU	Deerfield.....b	WXAO	Danebrog.....b
WTJ	Sutherland.....b	WXAU	Keota.....b
WTL	Lyman Stewart.....b	WXEA	Western Scout.....b
WTM	W. S. Porter.....b	WXEI	Western Comet.....b
WTN	Wm. F. Herrin.....b	WXEO	West Cape.....b
WTO	Frank H. Buck.....b	WXEU	Yukon.....b
WTOI	Belaire.....b	WXIA	Victorious.....b
WTOO	Toiler.....b	WXOA	Cowiche.....b
WTOU	Coulee.....b	WXOE	Crabtree.....b
WTQ	El Segundo.....b	WXOI	Craigownie.....b
WTR	Richmond.....b	WXOO	Craigmere.....b
WTS	Col. E. L. Drake.....b	WXUA	Beaumont.....b
WTT	Atlas.....b	WXUI	Hampden.....b
WTU	S. O. Co. No. 91.....b	WXUO	Monmouth.....b
WTUE	Laurel.....b	WZAA	L. J. Drake.....b
WTUI	Calvert.....b	WZAE	West Humhaw.....b
WTUO	Houma.....b	WZAU	E. C. Pope.....b
WTUU	West Mahomet.....b	WZEA	Saxon.....b
WTV	Captain A. F. Lucas.....b	WZEE	Maruba.....b
WTW	Ossineke.....b	WZEU	North Pines.....b
WTX	Asuncion.....b	WZIO	Admiral Mayo.....b
WTY	S. O. Co. No. 93.....b	WZIU	Western Plains.....b
WTZ	S. O. Co. No. 95.....b	WZOA	Lake Graphite.....b
WVA	Coquina.....b	WZOE	Lake Gratis.....b
WVAE	Corapeak.....b	WZOI	Lake Grattan.....b
WVAI	Corcoran.....b	WZOO	Lake Gravella.....b
WVAO	Comotton.....b	WZOU	Lake Gravett.....b
WVAU	Contoocook.....b	WZUA	Norfolk.....b
WVEI	Basco.....b	WZUE	Newburgh.....b

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[This table includes all Government land radio stations of the United States. Wave lengths in italic
(in this table only) are used for "listening in."]

Station.	Call signal.	Wave lengths.	Serv-ice.	Station controlled by—
Alpena, Mich.	NSM	600, 1200	PG	U. S. Navy.
Ambrose Channel Light Vessel.	NALS	600	O	Do.
Anacostia, D. C.	NSF	507, 600, 2250	O	Do.
Annapolis, Md.	NSS	17145	O	Do.
Astoria, Oreg.	NUZ	4525, 5000	O	Do.
Atka Island, Alaska.	WJI	900	O	U. S. Department of Interior.
Balboa, C. Z.	NBA	600, 975, 2250, 2400, 3950, 10110	PG	U. S. Navy.
Baltimore, Md.	NBZ	600, 700	PG	Do.
Bar Harbor, Me.	NBD	600, 975, 2400, 2750, 3700, 3950	PG	Do.
Bellefonte, Pa.	WWQ	3450, 3800	O	Post Office Department.
Blunts Reef Light Vessel.	NACT	600	O	U. S. Navy.
Boston, Mass.	NAD	600, 975, 2250, 3950, 5000	O	Do.
Boston Light Vessel.	NADX	600	O	Do.
Boston, Mass.	WZAA	600	O	U. S. Army.
Brenton Reef Light Vessel.	NASB	600	O	U. S. Navy.
Brunswick Light Vessel.	NABX	600	O	Do.
Buffalo, N. Y.	NNZ	600, 1200	PG	Do.
Calumet, Mich.	NUG	600, 1200	PG	Do.
Camp Alfred Vail, N. J.	WUBA	600	O	U. S. Army.
Camp John Hay, P. I.	WUCB	600	O	Do.
Camp Stotsenburg, P. I.	WUCA	600	O	Do.
Cape Charles Light Vessel.	NAJV	600	O	U. S. Navy.
Cape Hatteras, N. C.	NDW	600, 975, 1620	PG	Do.
Cape Lookout Shoals Light Vessel.	NABV	600	O	Do.
Cape Mala, Panama.	NNT	600, 1908	PG	Do.
Cape May, N. J.	NSD	507, 600, 975, 1688, 2750	O	Do.
Cavite, P. I.	NPO	600, 975, 2400, 2700, 3950, 5200, 12100	PG	Do.
Cayey, P. R.	NZR	10510	O	Do.
Charleston, S. C.	NAO	600, 975, 2250, 2400, 3950, 4800	PG	Do.
Charleston Light Vessel.	NAZJ	600	O	Do.
Chatham, Mass.	NXA	507, 600, 975, 1988	O	Do.
Cheyenne, Wyo.	KDEG	2900, 3800	O	Post Office Department.
Chicago, Ill.	NUR	600, 1200	PG	U. S. Navy.
Chicago, Ill.	KDQA	600	O	Post Office Department.
Cincinnati, Ohio.	KDQC	3600, 3800	O	Do.
Circle City, Alaska.	WVA	1280	O	U. S. Army.
Cleveland, Ohio.	NRH	600, 1080, 2400, 3250	PG	U. S. Navy.
Cleveland, Ohio.	WWO	600	O	Post Office Department.
Coco Solo, C. Z.	NNL	507, 600, 2750	O	U. S. Navy.
College Park, Md.	WWX	3650, 3800	O	Post Office Department.
Colon, C. Z.	NAZ	600, 975, 1620	PG	U. S. Navy.
Columbia River Light Vessel.	NAJT	600	O	Do.
Cordova, Alaska.	NPA	600, 975, 2400, 2700, 3950, 5950, 7500	PG	Do.
Cornfield Point Light Vessel.	NASC	600	O	Do.
Craig, Alaska.	WXO	600	O	U. S. Army.
Cross Rip Light Vessel.	NAQB	600	O	U. S. Navy.
Detroit, Mich.	NRQ	600, 1430	O	Do.
Diamond Shoals Light Vessel.	NITQ	600	O	Do.
Duluth, Minn.	NUX	600, 1200	PG	Do.
Dutch Harbor, Alaska.	NPR	600, 975, 2250	PG	Do.
Elko, Nev.	KDEJ	2200, 3400	O	Post Office Department.
Eureka, Calif.	NPW	600, 975, 2400, 2650	PG	U. S. Navy.
Fairbanks, Alaska.	WVB	1500	O	U. S. Army.
Fairallons, Calif.	NPI	600, 975, 1620	O	U. S. Navy.
Fenwick Island Shoal Light Vessel.	NAJS	600	O	Do.
Fire Island Light Vessel.	NLS	600	O	Do.
Five Fathom Bank Light Vessel.	NADV	600	O	Do.
Fort Adams, R. I.	WUU	100-4400	O	U. S. Army.

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Serv- ice.	Station controlled by—
Fort Andrews, Mass.	WUA	1100	O	U. S. Army.
Fort Barrancas, Fla.	WZD	600, 800, 1000, 1150, 1230	O	Do.
Fort Benjamin Harrison, Ind.	WZAE	3100, 6000,	O	Do.
Fort Bliss, Tex.	WZO	7000, 8000, 10000	O	Do.
Fort Brown, Tex.	WUZ	1350, 1700, 2100, 2700, 3100, 4700, 6300, 7000	O	Do.
Fort Casey, Wash.	WZJ	500	O	Do.
Fort Caswell, N. C.	WUT	825	O	Do.
Fort Constitution, N. H.	WZE	300, 400, 500, 600, 700, 800, 900, 1000	O	Do.
Fort Crockett, Tex.	WUX	500, 900	O	Do.
Fort Dade, Fla.	WZK	825	O	Do.
Fort Drum, P. I.	WVP	430	O	Do.
Fort DuPont, Del.	WZN	-----	O	Do.
Fort Egbert, Alaska.	WVC	1500	O	Do.
Fort Frank, P. I.	WVL	-----	O	Do.
Fort Gibbon, Alaska.	WVD	2000	O	Do.
Fort Hancock, N. J.	WUB	1200	O	Do.
Fort H. G. Wright.	WUC	600	O	Do.
Fort Howard, Md.	WZAC	-----	O	Do.
Fort Howard, Md.	WZB	600, 825, 1200	O	Do.
Fort Huachuca, Ariz.	WZP	2300, 2750	O	Do.
Fort Leavenworth, Kans.	WUD	1800	O	Do.
Fort Levett, Me.	WUE	300-1300	O	Do.
Fort Mason, Calif.	WZAH	-----	O	Do.
Fort McIntosh, Tex.	WUH	1350, 1665, 1975, 2275, 2550, 3050	O	Do.
Fort McPherson, Ga.	WZAD	-----	O	Do.
Fort Mills, P. I.	WVN	300, 600, 825, 1200	O	Do.
Fort Mills, P. I.	WVZ	600	O	Do.
Fort Monroe, Va.	WUF	400, 600, 825, 1100	O	Do.
Fort Monroe, Va.	WUG	600, 825	O	Do.
Fort Moultrie, S. C.	WZF	600, 825	O	Do.
Fort Omaha, Nebr.	WZAG	-----	O	Do.
Fort Riley, Kans.	WUI	1200	O	Do.
Fort St. Philip, La.	WXQ	450, 600, 1100	O	Do.
Fort Sam Houston, Tex.	WUJ	3100, 4700, 6300, 7500, 9500	O	Do.
Fort San Jacinto, Tex.	WUY	300, 1200	O	Do.
Fort Screven, Ga.	WZA	825	O	Do.
Fort Sheridan, Ill.	WZAF	-----	O	Do.
Fort Stevens, Oreg.	WUK	1100	O	Do.
Fort St. Michael, Alaska.	WVE	600, 900	O	Do.
Fort Morgan, Ala.	WUR	600, 1200	O	Do.
Fort Rosecrans, Calif.	WUS	300, 575	O	Do.
Fort Sill, Okla.	WUBD	-----	O	Do.
Fort Story, Va.	WXZ	360, 525, 825, 1100	O	Do.
Fort Terry, N. Y.	WUU	200-1050	O	Do.
Fort Totten, N. Y.	WUL	600, 800, 1100, 1200	O	Do.
Fort Travis, Tex.	WXP	600, 900	O	Do.
Fort Washington, Md.	WXG	825, 1200	O	Do.
Fort Whitman, Wash.	WZC	400, 1100	O	Do.
Fort Winfield Scott, Calif.	WUO	1100	O	Do.
Fort Wint, P. I.	WVR	1200	O	Do.
Fort Wood, N. Y.	WZAB	-----	O	Do.
Fort Worden, Wash.	WUN	1200	O	Do.
Fort Yukon, Alaska.	WXX	600	O	Do.
Frying Pan Shoals Light Vessel.	NLC	600	O	Do.
Galveston, Tex.	NKB	600, 975, 1813	PG	U. S. Navy.
Great Lakes, Ill.	NAJ	507, 600, 1988, 4900, 5550	O	Do.
Great Round Shoals Light Vessel.	NABJ	600	O	Do.
Guam, Guam.	NPN	600, 975, 2250, 2400, 3950, 5950, 9145	PG	Do.
Guantanamo, Cuba.	NAW	150, 507, 600, 975, 2400, 2750, 3950, 4525	PG	Do.

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Serv-ice.	Station controlled by—
Handkerchief Light Vessel.....	NAQS	600	O	U. S. Navy.
Heald Bank Light Vessel.....	NLP	600	O	Do.
Hedge Fence Light Vessel.....	NATD	600	O	Do.
Heeia Point, Hawaii.....	NPM	8875	O	Do.
Hen and Chickens Light Vessel.....	NAPP	600	O	Do.
Holy Cross, Alaska.....	WVK	600	O	U. S. Army.
Honolulu, Hawaii.....	NPM	507, 600, 975, 2250, 2400, 2650, 3950, 4800	O	U. S. Navy.
Iditarod, Alaska.....	WXL	300, 500, 600, 1650	O	U. S. Army.
Indian Head, Md.....	NBG			
Juneau, Alaska.....	NVD	600, 975, 2250	PG	U. S. Navy.
Jupiter, Fla.....	NAQ	600, 975, 1688	PG	Do.
Kamakana, Alaska.....	KGU		O	U. S. Department of Interior.
Ketchikan, Alaska.....	NVH	600, 975, 2400, 650, 4525, 5000	PG	U. S. Navy.
Key West, Fla.....	NAR	600, 975, 1988, 2400, 3950, 5700	PG	Do.
Kodiak, Alaska.....	NPS	600, 975, 1688	PG	Do.
Kotlik, Alaska.....	WVF	600, 800	O	U. S. Army.
Lakehurst, N. J.....	NEL	507	O	U. S. Navy.
La Palma, Panama.....	NNW	600, 1815	O	Do.
Livingood, Alaska.....	WUV	300, 600	O	U. S. Army.
Mackinac Island, Mich.....	NUD	600, 975	O	U. S. Navy.
Managua, Nicaragua.....	NAZ	600, 975, 1832	O	Do.
Manati, Cuba.....	NMB			
Manila, P. I.....	WVU	600	O	U. S. Army.
Manistique, Mich.....	NUB	600, 1200	PG	U. S. Navy.
Marshallfield, Oreg.....	NPF	600, 975, 1948	PG	Do.
Martin's Industry Light Vessel.....	NART	600	O	Do.
McGrath, Alaska.....	WVX		O	U. S. Army.
Miami, Fla.....	NGE	600, 975, 1620	PG	U. S. Navy.
Milwaukee, Wis.....	NUK	600, 975	PG	Do.
Minneapolis, Minn.....	KDPB		O	Post Office Department.
Mobile, Ala.....	NGT	600, 975, 1654	O	U. S. Navy.
Morehead City, N. C.....	NAN	600, 975, 1654	O	Do.
Nantucket Shoals Light Vessel.....	NLA	600	O	Do.
Naval Academy, Annapolis, Md.....	NAK	600, 975, 1620	O	Do.
Navassa Island, W. I.....	NKC	365, 600	O	Do.
Newark, N. J.....	WWU		O	Post Office Department.
New Orleans, La.....	NAT	600, 975, 1832, 2400, 3950, 4650	O	U. S. Navy.
Newport, R. I.....	NAF	150, 600, 975, 1908	O	Do.
New York, N. Y.....	NAH	150, 600, 975, 1832, 2400	O	Do.
New York, N. Y.....	KUVS	300, 400, 600	O	Police Department of New York, N. Y.
Nome, Alaska.....	WVG	600, 2000, 2500, 3000	O	U. S. Army.
Norfolk, Va.....	NAM	150, 600, 975, 1851, 2400, 2950, 3950, 5450	O	U. S. Navy.
Northeast End Light Vessel.....	NARS	600	O	Do.
North Head, Wash.....	NPE	600, 975, 2400, 2700	PG	Do.
North Platte, Nebr.....	KDHM	2900, 3400	O	Post Office Department.
Nuuk, Alaska.....	WVH	1400	O	U. S. Army.
Olongapo, P. I.....	NPT	600, 975, 1908	O	U. S. Navy.
Omaha, Nebr.....	KDEF	1050, 2900	O	Post Office Department.
Overfalls Light Vessel.....	NAKT	600	O	U. S. Navy.
Parry Island, S. C.....	NAV	365, 600, 975	O	Do.
Pearl Harbor, Hawaii.....	NPM	11500	O	Do.
Peking, China.....	NPP	975, 1908, 3950, 4525	O	Do.
Pensacola, Fla.....	NAS	507, 600, 975, 2250	PG	Do.
Petersburg, Alaska.....	WVI	500	O	U. S. Army.
Philadelphia, Pa.....	NAT	600, 975, 1948	O	U. S. Navy.
Point Arguello, Calif.....	NPK	600, 975, 1688	PG	Do.
Point Isabel, Tex.....	NAY	600, 975, 2250, 2400, 3950, 5000	PG	Do.
Pollock Rip Slue Light Vessel.....	NAFT	600	O	Do.
Pollock Rip Light Vessel.....	NANS	600	O	Do.
Port Arthur, Tex.....	NYJ	600, 975, 1620	PG	Do.
Port au Prince, Haiti.....	NSC	600, 975, 2250, 2400, 3825, 3950	PG	Do.

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call Signal.	Wave lengths.	Serv- ice.	Station controlled by—
Port Eads, La.....	WZH	.....	O	U. S. Army.
Portland Light Vessel.....	NAMS	600	O	U. S. Navy.
Portsmouth, N. H.....	NAC	600, 975, 1813	O	Do.
Puerto Obaldia, Panama.....	NRK	600, 1988	O	Do.
Puget Sound, Wash.....	NPZ	600, 975, 1988, 3950, 5450, 7100	PG	Do.
Quantico, Va.....	NFV	507, 600, 975	O	Do.
Ram Island Reef Light Vessel.....	NARX	600	O	Do.
Reno, Nev.....	KDEK	2200, 2800	O	Post Office Department.
Rockaway Beach, N. Y.....	NBT	507, 2250	O	U. S. Navy.
Rock Springs, Wyo.....	KDHN	2300, 3200	O	Post Office Department.
Salt Lake City, Utah.....	KDEH	2200, 3600	O	Do.
San Diego, Calif.....	NPL	507, 600, 975, 1988, 2400, 3950, 5200, 9800	PG	U. S. Navy.
San Domingo City, D. R.....	NJG	.....	.....	Do.
San Francisco, Calif.....	NPG	160, 600, 975, 1908, 2250, 2400, 2750, 3950, 4650, 7900	O	Do.
San Francisco, Calif., Light Vessel.....	NAKS	600	O	Do.
San Juan, P. R.....	NAU	3950, 5200, 600, 975, 2400, 2750	PG	Do.
San Pedro, Calif.....	NPX	160, 600, 975, 1851, 2400, 2750, 3250, 3950	PG	Do.
Savannah, Ga.....	NEV	600, 975, 1813	PG	Do.
Sayville, N. Y.....	NDD	7800, 9800	O	Do.
Scotland Light Vessel.....	NARV	600	O	Do.
Seattle, Wash.....	NVL	600, 700	PG	Do.
Seward, Alaska.....	NPV	600, 1908	PG	Do.
Shanghai, China.....	WZI	.....	O	War Department.
Sitka, Alaska.....	NPB	600, 975, 2400, 2650, 3950, 4800	PG	U. S. Navy.
South Pass Light Vessel.....	NAGT	600	O	Do.
St. Augustine, Fla.....	NAP	600, 975, 1851	PG	Do.
St. Croix, V. I.....	NNI	450, 600	PG	Do.
St. George, Alaska.....	NPY	600, 675	PG	Do.
St. Louis, Mo.....	KDEL	3750, 3800	O	Post Office Department.
St. Paul, Alaska.....	NPQ	600, 975, 2650, 3950, 5700	PG	U. S. Navy.
St. Petersburg, Fla.....	NGL	600, 2400, 2700	PG	Do.
St. Thomas, V. I.....	NBB	600, 975, 1688	PG	Do.
Stone Horse Shoal Light Vessel.....	NANT	600	O	Do.
Swiftsure Bank Light Vessel.....	NABT	600	O	Do.
Tail of Horseshoe Light Vessel.....	NAZR	600	O	Do.
Tatoosh, Wash.....	NPD	600, 700	PG	Do.
Tongshan, China.....	WJD	.....	O	War Department.
Tien-Tsin, China.....	WYX	.....	O	Do.
Tutuila, Samoa.....	NPU	600, 975, 2400, 2250, 3950, 4525	PG	U. S. Navy.
Umatilla Reef Light Vessel.....	NACV	600	O	Do.
Vineyard Sound Light Vessel.....	NACX	600	O	Do.
Virginia Beach, Va.....	NCZ	507	O	Do.
Vladivostok, Siberia.....	NPH	3950, variable	O	Do.
Washington, D. C. (Arlington).....	NAA	600, 975, 2650, 3950, 5950	PG	Do.
Washington, D. C. (Navy Yard).....	NAL	600, 975, 2250, 2650, 3950, 5950	O	Do.
Washington, D. C. (Signal Corps laboratory).....	WUP	.....	O	U. S. Army.
Washington, D. C. (Bureau of Standards).....	WUQ	.....	O	Do.
Washington, D. C. (Bureau of Standards).....	WWV	.....	O	Department of Commerce.
Washington, D. C. (Signal Corps laboratory).....	WXY	.....	O	U. S. Army.
Whitefish Point, Mich.....	NZT	600, 800	O	U. S. Navy.
Winter Quarter Shoals Light Vessel.....	NADT	600	O	Do.
Wrangell, Alaska.....	WVJ	475	O	U. S. Army.

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS.

[All naval stations are open to general public service and maintain a continuous service. The normal wave length is 600 meters, but all vessels are equipped to transmit and receive on a wave length of 300 meters.]

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Aaron Ward.....	NELX	Borie.....	NULL	Cincinnati.....	NISN
Aabrenda.....	NOB	Boston.....	NGC	Claxton.....	NEQZ
Abbot.....	NEZS	Bothwell (C. G. C.)	NEKD	Clemson.....	NEZT
Acushnet (C. G. C.)	NRU	Boyce (C. G. C.)	NISD	Cleveland.....	NDM
Ajax.....	NAKD	Branch.....	NEML	Coast Torpedo Boat	
Alameda.....	NUGJ	Brant.....	NAFF	No. 6.....	NIFT
Albany.....	NBJ	Brazos.....	NIFK	Coghlan.....	NUPK
Albatross.....	NQY	Breck.....	NULZ	Cole.....	NEST
Alden.....	NULK	Breckinridge.....	NERZ	Cohoun.....	NAJL
Alert.....	NBL	Breese.....	NESM	Colonel George Armis- stead.....	WYG
Algonquin (C. G. C.)	NRA	Bridge.....	NOI	Colorado.....	NECR
Algoma.....	NEVP	Bridgeport.....	NGR	Columbia.....	NGA
Allen.....	NJD	Brooklyn.....	NFA	Columbine (L. H. T.)	NLL
Amaranth.....	NAPT	Brooks.....	NEZX	Comanche (C. G. C.)	NRW
Ammen.....	NBP	Broome.....	NEPF	Comfort.....	NDO
Androscoggin (C. G. C.)	NRD	Bruce.....	NUPS	Concord.....	NIRV
Anemone (L. H. T.)	NABP	Brutus.....	NNA	Connecticut.....	NDQ
Annapolis.....	NBR	Buchanan.....	NEQS	Conner.....	NSN
Anthony.....	NEVS	Buffalo.....	NCU	Constellation.....	NEDF
Apache.....	NACB	Buford.....	WXA	Constellation (Old).....	NEY
Aramis.....	NARP	Bulmer.....	NUPN	Constitution.....	NEBF
Arapaho.....	NSP	Burns.....	NAFS	Constitution (Old).....	NLZ
Arbutus (L. H. T.)	NAGM	Burnside.....	WXR	Contocook.....	NELR
Areata (C. G. C.)	NADD	Burrows.....	NCV	Converse.....	NAPM
Aretusa.....	NBU	Bush.....	NETT	Conyngham.....	NJE
Arizona.....	NBW	Bushnell.....	NZC	Cook (C. G. C.)	NINGT
Arkansas.....	NBV	C-1.....	NXK	Cormorant.....	NIKV
Aroostook.....	NMK	C-2.....	NXL	Corry.....	NUQZ
Asheville.....	NELV	C-3.....	NXM	Cowell.....	NETV
Atlantic.....	NENN	C-4.....	NXN	Crane.....	NIFB
Auk.....	NIJT	C-5.....	NXO	Cravens.....	NERJ
Aulik.....	NERG	Cadmus.....	WUAB	Curlew.....	NIJB
Avocet.....	NADP	Caesar.....	NCY	Cushing.....	NIM
Aylwin.....	NIH	Caldwell.....	NSI	Crosby.....	NESZ
Azalea (L. H. T.)	NXU	California.....	NDF	Crowninshield.....	NADF
B-1.....	NXH	Camden.....	NAPR	Culgoa.....	NDU
B-2.....	NXI	Canandaigua.....	NCR	Cumberland.....	NSZ
B-3.....	NXJ	Captain A. M. Weth- erill.....	WYT	Cummings.....	NIL
Babbitt.....	NEPX	Captain Charles W. W-	WYI	Curacao.....	NAGQ
Bache (C. & G. S.)	NLK	Rowell.....	WYP	Curlew.....	NIJM
Badger.....	NEPT	Captain Gregory Bar- rett.....	WYM	Cushing.....	NOD
Badger, George E.	NUJG	Captain James For- nance.....	WYZ	Cuyama.....	NIFV
Bagaduce.....	NAZP	Captain T. M. Morri- son.....	D-1	Cyan.....	NICP
Bagley.....	NVU	Cardinal.....	D-2	Cygan (C. G. C.)	NLM
Bailey.....	NCF	Carr (C. G. C.)	D-3	Cypress (L. H. T.)	NXP
Bainbridge.....	NUQL	Carabasset.....	NAFN	D-1.....	NXQ
Balch.....	NII	Case.....	NEXP	D-2.....	NXR
Ballard.....	NIGN	Cassin.....	NEVQ	D-3.....	NVZ
Baltimore.....	NCH	Cayuga.....	NUNX	Dale.....	NUND
Bancroft.....	NAJQ	Cedar (L. H. T.)	NIK	Dallas.....	NENM
Barker.....	NUJK	Celtic.....	NAFP	Davis.....	NJF
Barney.....	NVV	Champlin.....	NLW	Decatur.....	NUQV
Barry.....	NUQP	Chandler.....	NDB	Delaware.....	NEK
Bath.....	NHY	Charles Ausburne.....	NEKQ	De Long.....	NWB
Beale.....	NCL	Charles S. Osborne.....	NUMK	Delphy.....	NEZQ
Bear (C. G. C.)	NRB	Charleston.....	NAGL	Dent.....	NEG
Beaufort.....	NGP	Charlotte.....	NUPR	Denver.....	NEM
Beaver.....	NEQQ	Chase, U. S. S.	NABG	Des Moines.....	NEN
Belknap.....	NEZZ	Chattanooga.....	NFE	Despatch.....	NIDF
Bell.....	NATG	Chew.....	NMN	Detroit.....	NISP
Benham.....	NIJ	Chewink.....	NUMK	Dickerson.....	NAFC
Bernadou.....	NESS	Chicago.....	NGI	Dix.....	WXC
Biddle.....	NVW	Chautauay.....	NIFF	Dixie.....	NEP
Billingsley.....	NUPQ	Chemung.....	NARG	Dobbin.....	NUR
Birmingham.....	NCN	Chester.....	NDG	Dolphin.....	NEQ
Bittern.....	NIJR	Chew.....	NEMZ	Dorsey.....	NELG
Black Hawk.....	NAJD	Chewink.....	NIVJ	Downes.....	NIN
Blakely.....	NVX	Cheyenne.....	NDH	Doyen.....	NUIS
Bobolink.....	NIJJ	Chicago.....	NDI	Drayton.....	NET
Boggs.....	NAMT	Childs.....	NULN	Dreadnaught.....	NCX

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Dubuque.....	NEU	Flamingo.....	NIJN	Hatfield.....	NEZV
Duncan.....	NIR	Florida.....	NFR	Hazelwood.....	NENS
Dupont.....	NWC	Flusser.....	NUNF	Heather (L. H. T.)	NAKL
Dyer.....	NACN	Foote.....	NWF	Helena.....	NGY
E-1.....	NXS	Ford.....	NUQJ	Henderson.....	NOH
E-2.....	NXT	Fortune.....	NEGS	Henley.....	NHA
Eagle 1.....	NEJB	Fox.....	NWJ	Henry Wilson.....	WZS
Eagle 2.....	NEJC	Frederick.....	NJS	Henshaw.....	NUJQ
Eagle 3.....	NEJD	Fuller.....	NIFG	Herbert.....	NEMJ
Eagle 4.....	NEJF	Fulton.....	NZD	Hercules.....	NEKR
Eagle 5.....	NEJG	G-2.....	NZX	Herndon.....	NEJN
Eagle 6.....	NEJJ	G-3.....	NYA	Heron.....	NENL
Eagle 7.....	NEJK	G-4.....	NYB	Hibiscus (L. H. T.)	NAKN
Eagle 8.....	NEJL	Galveston.....	NGD	Hogan.....	NEXT
Eagle 9.....	NEJM	Gamble.....	NEZR	Holland.....	NIRM
Eagle 10.....	NEJN	Gannet.....	NIJX	Hopewell.....	NEXX
Eagle 11.....	NEJP	Gen. Alava.....	NAMG	Hopkins.....	NUQM
Eagle 12.....	NEJQ	Gen. A. M. Randal.....	WYJ	Housatonic.....	NFX
Eagle 13.....	NEJR	Gen. E. O. C. Ord.....	WYF	Houston.....	NGZ
Eagle 14.....	NEJS	Gen. George H. Weeks.....	WZT	Hovey.....	NEPB
Eagle 15.....	NEJT	Gen. G. W. Getty.....	WYS	Howard.....	NIFM
Eagle 17.....	NEJX	Gen. Harvey Brown.....	WYK	Hulbert.....	NUKD
Eagle 18.....	NEJZ	Gen. Henry J. Hunt.....	WYD	Hull.....	NUQT
Eagle 19.....	NEKB	Gen. Henry Knox.....	WYE	Humphreys.....	NUKX
Eagle 21.....	NEKG	Gen. J. M. Brannan.....	WZV	Hunt.....	NUJF
Eagle 24.....	NEKJ	Gen. John M. Schofield.....	WWX	Huntington.....	NWG
Eagle 26.....	NEXF	Gen. Mifflin.....	WZX	Huron.....	NSX
Eagle 27.....	NEXG	Gen. Nathaniel Green.....	WZR	Hyacinth (L. H. T.)	NAGV
Eagle 28.....	NEXM	Gen. R. B. Ayres.....	WYL	Idaho.....	NHN
Eagle 29.....	NEXN	Gen. R. H. Jackson.....	WYW	Illinois.....	NHO
Eagle 31.....	NEZG	Gen. Richard Arnold.....	WYY	Indiana.....	NIRS
Eagle 32.....	NEZZ	Gen. R. N. Batchelder.....	WZW	Ingraham.....	NENX
Eagle 33.....	NIBB	Gen. Robert Anderson.....	WYH	Ingram, Osmond.....	NIGF
Eagle 34.....	NIBD	Gen. Robert W. Swartout.....	WYU	Intrepid.....	NFY
Eagle 35.....	NIBG	Gen. Royal T. Frank.....	WYA	Iowa.....	NIRP
Eagle 36.....	NIBK	Gen. S. B. Holabird.....	WYV	Iris (L. H. T.).....	NALL
Eagle 37.....	NIBM	Gen. S. M. Mills.....	WYB	Iroquois.....	NHV
Eagle 38.....	NIBN	Gen. Timothy Pickering.....	WZQ	Isherwood.....	NUNV
Eagle 39.....	NIBC	Georgia.....	NGF	Israel.....	NENG
Eagle 40.....	NIBF	Gillis.....	NER	Itasca.....	NRI
Eagle 41.....	NIBJ	Gilmer.....	NERB	Iuka.....	NEVR
Eagle 42.....	NIBL	Glacier.....	NGH	Ivy (L. H. T.).....	NAKV
Eagle 43.....	NIBP	Goff.....	NUQF	Jacob Jones.....	NEPZ
Eagle 44.....	NIBQ	Goldsborough.....	NGJ	Jarvis.....	NIB
Eagle 45.....	NIBR	Gorgona.....	NDJ	Jason.....	NNB
Eagle 46.....	NIBS	Graham.....	NAGJ	Jenkins.....	NID
Eagle 47.....	NIBT	Great Northern.....	NAXL	J. Fred Talbott.....	NIGR
Eagle 48.....	NIBV	Grebe.....	NIKX	Johansson (C. G. C.)	NIQP
Eagle 49.....	NIBX	Greene.....	NIGM	John D. Edwards.....	NUPC
Eagle 50.....	NIBZ	Greer.....	NERT	John Frances Burnes.....	NIQ
Eagle 51.....	NICB	Gregory.....	NAJR	Joseph Henry.....	WXT
Eagle 52.....	NICC	Gresham (C. G. C.)	NRG	Jouett.....	NIE
Eagle 53.....	NICD	Gridley.....	NEMX	K-1.....	NYF
Eagle 54.....	NICF	Gulfport.....	NHS	K-2.....	NYG
Eagle 55.....	NICG	Gwalla.....	WUAD	K-3.....	NYH
Eagle 56.....	NICJ	Gypsum Prince.....	WAGX	K-4.....	NYI
Eagle 57.....	NICK	H-2.....	WUAC	K-5.....	NYJ
Eagle 58.....	NICL	H-3.....	NYD	K-6.....	NYK
Eagle 59.....	NICM	H-4.....	NYE	K-7.....	NYL
Eagle 60.....	NICN	H-5.....	NEQM	K-8.....	NYM
Earp (C. G. C.)	NEKF	H-6.....	NETG	Kalk.....	NIGD
Edsall.....	NUPM	H-7.....	NEFC	Kalmia.....	NAZS
Edwards.....	NIGL	H-8.....	NESJ	Kanawha.....	NND
Eider.....	NIKR	H-9.....	NELN	Kane.....	NUML
El Cano.....	NFD	Hale.....	NEBV	Kankakee (C. G. C.)	NUMZ
Elliot.....	NERV	Hamilton.....	NACL	Kansas.....	NIO
Ellis.....	NIFD	Hancock.....	NIFL	Kaweah.....	NUGK
Ericsson.....	NIS	Hamnibal.....	NHI	Kearsarge.....	NIP
Evans.....	NEMS	Haraden.....	NGU	Kennedy.....	NAZM
Explorer (C. & G. S.)	NAVM	Harbor.....	NEXZ	Kennison.....	NEQX
F-2.....	NXV	Harbor tug No. 61.....	NUMX	Kentucky.....	NIQ
F-3.....	NXW	Harbor tug No. 63.....	NULD	Keosauqua.....	NEXC
Fairfax.....	NTN	Harbor tug No. 64.....	NUMT	Kewaydin.....	NAXN
Falcon.....	NEKN	Harbor tug No. 67.....	NULG	Kidder.....	NUJX
Fanning.....	NFM	Harbor tug No. 68.....	NUMR	Kilkenny.....	KKI
Farenholz.....	NECK	Harbor tug No. 74.....	NEKP	Kilty.....	NAKX
Farquhar.....	NANZ	Hart.....	NEMV	Kimberly.....	NADL
Farragut.....	NVS	Hartford.....	NGV	King.....	NULP
Fathomer (C. & G. S.)	NESR			Kingfisher.....	NALP
Fern (L. H. T.).....	NAFV			Kittery.....	NHW
Finch.....	NAJP			Klingelhoefer.....	NISC

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Knudsen (C. G. C.)	NEXL	Maury	NEPG	Nicholas	NUNZ
Koka	NETZ	Mayflower (L. H. T.)	NZQ	Nicholson	NIU
Kukui (L. H. T.)	NLF	Mayflower (President's yacht)	NJV	Nitro	NELL
L-1	NYN	Mayrant	NJU	Noa	NUKF
L-2	NYO	McCall	NJW	North Carolina	NISK
L-3	NYP	McCalla	NIGC	North Dakota	NMO
L-4	NYQ	McCawley	NULS	Northern Pacific	WIM
L-5	NYR	McCook	O-1	O-1	NEXJ
L-6	NYS	McCormick	O-2	O-2	NETI
L-7	NYT	McDermut	O-3	O-3	NAMR
L-8	NYU	McDougal	NIGG	O-4	NAMX
L-9	NYV	McFarland	NIT	O-5	NAMZ
L-10	NYW	McGourty (C. G. C.)	NETB	O-6	NANB
L-11	NYX	McKean	NEJV	O-7	NANC
Lamberton	NAZL	McKee	NEMT	O-8	NAND
Lamson	NUNC	McLanahan	NACQ	O-9	NAGB
Langley	NNC	Meade	NIGK	O-10	NAXT
Lansdale	NERL	Medusa	NEBJ	O-11	NETK
Lapwing	NALC	Mehalatos (C. G. C.)	NEMC	O-12	NETL
Laramie	NUGL	Melville	NIDL	O-13	NEZN
Lardner	NUPF	Melvin	NKA	O-14	NEVD
Lark	NIJK	Memphis	NURC	O-15	NAXS
Larkspur (L. H. T.)	NAMB	Mercy	NISS	O-16	NASM
Larsen (C. G. C.)	NIKJ	Michigan	NKK	O'Bannon	NEXS
Laub	NIJG	Milwaukee	NETS	O'Brien	NIV
Laurel (L. H. T.)	NALV	Minneapolis	WXI	Ohio	NMW
La Vallette	NUJT	Minnesota	NUMJ	Oil Barge No. 9	NEQL
Lawrence	NUQQ	Mississippi	NAMC	Oklahoma	NCB
Lea	NETF	Missoula	NUJR	Olympia	NGG
Leary	NAFL	Mexican	NJZ	Omaha	NISL
Lebanon	NIZ	Meyer	NISM	Onondaga (C. G. C.)	NRO
Leonidas	NNH	Michigan	NGB	Ontario	NTA
Lexington	NEDB	Milwaukee	NKD	Orchid (L. H. T.)	NLT
Lieut. Geo. M. Harris	WYR	Minneapolis	NKE	Oregon	NMZ
Lilac (L. H. T.)	NUCF	Mississippi	NKM	Oriole	NEVM
Liscum	WXE	Missoula	NKF	Orion	NOC
Litchfield	NUMM	Missouri	NTO	Ortolan	NIKC
Little	NRT	Mohave	NUFB	Osborne	NUQC
Logan	WXF	Mohawk	NZA	Oscœula	NOA
Long, J. D.	NEPD	Mohican	NHD	Osprey	NIJL
Long Beach	NEFZ	Monadnock	NKL	Ossipee (C. G. C.)	NRJ
Louisiana	NJB	Monaghan	NQQ	Overton	NUJN
Luce	NEGO	Monocacy	NISJ	Oveson (C. G. C.)	NIZD
Ludlow	NENZ	Montana	NEQF	Owl	NACS
Lydonia (C. & G. S.)	NDR	Montcalm	NKN	Ozark	NHH
Lykens	NALK	Monterey	NAXJ	Ozette	NEDN
M-1	NYY	Montgomery	NULT	Paducah	NOG
MacDonough	NUQR	Moody	NRC	Palmer	NECV
Machias	NQL	Morrill (C. G. C.)	NWS	Palos	NQS
Mackenzie	NEVX	Morris	NEXR	Pamilco (C. G. C.)	NRR
Mackinac	NUGD	Mugford	NUML	Pampanga	NQT
MacLeish	NUPT	Mullan	NAXK	Panther	NOJ
Maddox	NETX	Murray	NZE	Parker	NIX
Madrone (L. H. T.)	NAMV	N-1	NZF	Parrot	NUPD
Magnolia (L. H. T.)	NAPS	N-2	NZG	Partridge	NIJG
Mahan	NEQK	N-3	NZH	Patapsco	NOL
Mahanna	NURB	N-4	NZI	Pathfinder (C. & G. S.)	NLJ
Mahopac	NETD	N-5	NZJ	Patoka	NUGN
Maine	NJL	N-6	NZK	Patterson	NOK
Major Albert G. Forse	WYQ	N-7	NITL	Patuxent	NOM
Major Evan Thomas	WYO	Nansemond	NNK	Parrott	NON
Major Guy Howard	WZY	Nanshan	NFU	Partridge	NUJM
Major Samuel Ringgold	WYC	Nantucket	NEVC	Paulding, James K.	NAQN
Mallard	NIKB	Napa	NAMN	Paul Hamilton	NUQN
Mangrove (L. H. T.)	NANV	Narragansett	NUGG	Pauline	NUH
Manhattan (C. G. C.)	NEKZ	Natoma (C. & G. S.)	NKZ	Pawtucket	NUJ
Manley	NSH	Navajo	WXU	Peacock	NIKD
Manning (C. G. C.)	NRN	Navesink	NMA	Peary	NUQD
Mansfield	NUMV	Nebraska	NIFP	Pecos	NIHQ
Manzanita (L. H. T.)	NLU	Neches	NMS	Pelican	NEFK
Maple (L. H. T.)	NAPV	Neptune	NNF	Penguin	NECT
Marblehead	NIRR	Nereus	NEDX	Pennsylvania	NCE
Marcus	NUMG	Nero	NCA	Penobscot	NOE
Marigold (L. H. T.)	NAQV	Nevada	NME	Pensacola	NGN
Mars	NJR	New Hampshire	NMF	Pentucket	NUL
Maryland	NARC	New Jersey	NQW	Peoria	NOW
Mason	NAGG	New Mexico	NMG	Pequot (C. G. C.)	NUPJ
Massachusetts	NIHQ	New Orleans	NMH	Percival	NIFJ
Mattole	NUGM	Newport	NHZ	Perkins	NOX
Maumee	NNE	New York	NCC	Perry	NUQS
		Niagara	NABC	Philip	NEDG

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Pigeon.....	NIKF	Rodgers.....	NWT	Seagull.....	NIJM
Pillsbury.....	NUQG	Roe.....	NTZ	Seattle.....	NAPG
Pinola.....	NEVL	Roper.....	NERX	Seabago.....	NUV
Piscataqua.....	NAQC	Rose (L. H. T.).....	NASD	Selfridge.....	NUJZ
Pittsburgh.....	NOT	Rowan.....	NKR	Seminole (C. G. C.).....	NRS
Pompey.....	NQF	S-1.....	NIMG	Semmes.....	NAFZ
Pope.....	NUQB	S-2.....	NIMJ	Seneca (C. G. C.).....	NRE
Porter.....	NOO	S-3.....	NIMK	Sepulga.....	NUGT
Potomac.....	NQK	S-4.....	NIML	Sequoia (L. H. T.).....	NLV
Prairie.....	NQM	S-5.....	NIMM	Sharkey.....	NULV
Preble.....	NUNG	S-6.....	NIMN	Shaw.....	NKU
Preston.....	NUNJ	S-7.....	NIMP	Shawmut.....	NML
Prometheus.....	NQR	S-8.....	NIMQ	Sheridan.....	WXJ
Proteus.....	NNG	S-9.....	NIMR	Sherman.....	WXX
Pruitt.....	NUPV	S-10.....	NIMS	Shirk.....	NUJV
Pueblo.....	NDN	S-11.....	NIMT	Shubrick.....	NWU
Putnam.....	NUPG	S-12.....	NIMV	Sicard.....	NUPL
Pyro.....	NELK	S-13.....	NIMX	Sigourney.....	NAJB
Quail.....	NIKQ	S-14.....	NIMZ	Simpson.....	NUPX
Quigley (C. G. C.).....	NIDB	S-15.....	NINB	Sinclair.....	NULR
Quincy.....	NGQ	S-16.....	NINC	Sloat.....	NUMD
Quiros.....	NQZ	S-17.....	NIND	Slocum.....	WWY
R-1.....	NILC	S-18.....	NINF	Smith (C. G. C.).....	NIXG
R-2.....	NILD	S-19.....	NING	Smith, Robert.....	NUKB
R-3.....	NILF	S-20.....	NINJ	Snohomish (C. G. C.).....	NRF
R-4.....	NILG	S-21.....	NINK	Solace.....	NST
R-5.....	NILJ	S-22.....	NINL	Somers.....	NWV
R-6.....	NILK	S-23.....	NINM	Sonoma.....	NTG
R-7.....	NILL	S-24.....	NINN	Sotomo.....	NECZ
R-8.....	NILM	S-25.....	NINP	Southard.....	NAJK
R-9.....	NILN	S-26.....	NINQ	South Bend.....	KEXQ
R-10.....	NILP	S-27.....	NINR	South Carolina.....	NSW
R-11.....	NILQ	S-28.....	NINS	South Dakota.....	NISG
R-12.....	NILR	S-29.....	NINT	S. P. 43 (Daraga).....	NUBB
R-13.....	NILS	S-30.....	NINV	S. P. 54 (Patrol No. 6).....	NUBK
R-14.....	NILT	S-31.....	NINX	S. P. 164 (May).....	NALQ
R-15.....	NASV	S-32.....	NINZ	S. P. 179 (Private).....	NUDF
R-16.....	NASY	S-33.....	NIPB	S. P. 181 (Helori).....	NEFS
R-17.....	NAFX	S-34.....	NIPC	S. P. 185 (Clarinda).....	NUFZ
R-18.....	NEG	S-35.....	NIPD	S. P. 214 (Edithia).....	NUCX
R-19.....	NEGK	S-36.....	NIPF	S. P. 249 (Hauoli).....	NUCZ
R-20.....	NARZ	S-37.....	NIPG	S. P. 265 (Pocomoke).....	NUCT
R-21.....	NILV	S-38.....	NIPJ	S. P. 399 (Legonia).....	NUFG
R-22.....	NILX	S-39.....	NIPK	S. P. 493 (Cahill).....	NDV
R-23.....	NILZ	S-40.....	NIPL	S. P. 521 (Isabel).....	NHF
R-24.....	NIMB	S-41.....	NIPM	S. P. 522 (Chas. Mann).....	NUBT
R-25.....	NIMC	S-42.....	NIPN	S. P. 524 (Margaret).....	NQP
R-26.....	NIMD	S-43.....	NIPP	S. P. 573 (Easthampton).....	NUCG
R-27.....	NIMF	S-44.....	NIPQ	S. P. 642 (Felicia).....	NUCS
Radford.....	NEXB	S-45.....	NIPR	S. P. 680 (Ardent).....	NUCR
Rail.....	NAQJ	S-46.....	NIPS	S. P. 681 (Breakwater).....	NUMS
Rainbow.....	NFZ	S-47.....	NIPT	S. P. 707 (Endion).....	NUDR
Raleigh.....	NIRT	S-48.....	NIPV	S. P. 714 (Galatea).....	NKP
Ramapo.....	NUGP	S-49.....	NIPX	S. P. 724 (Fearless).....	NEKM
Ramsay.....	NIFC	S-50.....	NIPZ	S. P. 726 (Orea).....	NUBS
Ranger.....	NELF	S-51.....	NIQK	S. P. 765 (Adelante).....	NUCK
Ranger (C. & G. S.).....	NUDG	Sacramento.....	NQV	S. P. 813 (Corona).....	NNQ
Rapidan.....	NUGQ	Sagamore.....	NANX	S. P. 838 (Lawrence, John L.).....	NUFL
Rappahannock.....	NJO	Saint Louis.....	NTF	S. P. 909 (Eagle).....	NUBC
Rathburne.....	NACR	Salem.....	NTP	S. P. 951 (Utowanah).....	NJI
Raven.....	NIKZ	Salinas.....	NUGR	S. P. 1014 (See Rover).....	NEX
Redwing.....	NIKG	Samoset.....	NUU	S. P. 1015 (Challenge).....	NEKS
Reid.....	NUNK	Sampson.....	NKS	S. P. 1116 (Genesee).....	NKG
Relief (Hosp. Ship No. 1).....	NEPQ	Sanderling.....	NIJS	S. P. 1121 (Osborne).....	NESN
Reno.....	NAMD	Sandpiper.....	NIKK	S. P. 1149 (Barnett).....	NUFN
Reno.....	WYN	Sands.....	NULQ	S. P. 1161 (Francis B. Hackett).....	NTD
Renshaw.....	NEVZ	San Francisco.....	NTQ	S. P. 1213 (Montauk).....	NARN
Reuben James.....	NUNT	San Pedro.....	WZZ	S. P. 1232 (Barnegat).....	NADQ
Rhode Island.....	NTX	Santa Leonora.....	KIML	S. P. 1234 (Cigarette).....	NUCJ
Richards (C. G. C.).....	NIDG	Sapele.....	NUGS	S. P. 1250 (Nahant).....	NQE
Richmond.....	NISQ	Sara Thompson.....	NEMD	S. P. 2047 (Moosehead).....	NAQM
Ringgold.....	NALT	Saratoga.....	NELB	S. P. 2225 (Navigator).....	NECD
Rizal.....	NEVV	Satterlee.....	NAGC	S. P. 2373 (Herreshoff Hull No. 322).....	NUDK
Roanoke.....	NHU	Saturn.....	NNM	S. P. 3218 (Resolute).....	NUGB
Robert L. Barnes.....	NAZZ	Savannah.....	NGS	S. P. 3297 (Winthrop).....	NUBR
Robin.....	NANQ	Scally (C. G. C.).....	NEKC	S. P. Lee.....	NESB
Robinson.....	NAJX	Schenck.....	NEMG		
Rochester.....	NTR	Schley.....	NKT		
Rocket.....	NUT	Sciota.....	NEVK		
		Scorpius.....	NTT		

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Spring Carroll.....	WZU	Sub. chaser No. 409.....	NOZD	Umpqua.....	NATS
Sproston.....	NEVT	Sub. chaser No. 412.....	NOZJ	Unadilla.....	NEFT
Stansbury.....	NEXV	Sub. chaser No. 413.....	NOZK	Unalga (C. G. C.).....	NRX
Stellenwerf.....	NIDC	Sub. chaser No. 419.....	NOZR	Uncas.....	NVP
Sterrett.....	NTB	Sub. chaser No. 424.....	NOZZ	Undaunted.....	NNX
Stevens.....	NAPK	Sub. chaser No. 425.....	NIQB	United States.....	NUNQ
Stewart.....	NUNN	Sub. chaser No. 426.....	NIQC	Upshur.....	NERS
Stockton.....	NEO	Sub. chaser No. 427.....	NIQD	Upshur, Abel P.....	NUJD
Stoddert.....	NALZ	Sub. chaser No. 432.....	NIQL	Utah.....	NVE
Stribling.....	NAVS	Sub. chaser No. 439.....	NIQT	V-1.....	NICQ
Stringham.....	NACP	Sub. chaser No. 440.....	NIQV	V-2.....	NICR
Sturtevant.....	NUJP	Sub. chaser No. 441.....	NIQX	V-3.....	NICS
Sub. chaser No. 23.....	NOBQ	Sub. chaser No. 443.....	NIRB	V-4.....	NICT
Sub. chaser No. 57.....	NODF	Sub. chaser No. 444.....	NIRC	V-5.....	NICV
Sub. chaser No. 62.....	NODM	Sumac (L. H. T.).....	NASG	V-6.....	NICX
Sub. chaser No. 63.....	NODN	Summer.....	NUQX	V-7.....	NICZ
Sub. chaser No. 64.....	NODP	Sunflower (L. H. T.).....	NUFM	V-8.....	NIDD
Sub. chaser No. 69.....	NODR	Sunnadin.....	NEVB	V-9.....	NIDJ
Sub. chaser No. 71.....	NODT	Surveyor (C. & G. S.).....	NQU	Vermont.....	NVK
Sub. chaser No. 93.....	NOFX	Swallow.....	NEFL	Vestal.....	NMC
Sub. chaser No. 100.....	NOGJ	Swan.....	NIJP	Vesuvius.....	NUBM
Sub. chaser No. 102.....	NOGL	Swasey.....	NIGP	Vicksburg.....	NVN
Sub. chaser No. 104.....	NOGN	Sylph.....	NTL	Villalobos.....	NVP
Sub. chaser No. 106.....	NOGQ	T-1.....	NILB	Vireo.....	NIKL
Sub. chaser No. 119.....	NOJK	T-2.....	NABB	Virginia.....	NVR
Sub. chaser No. 121.....	NOJM	T-3.....	NABZ	Vixen.....	NSU
Sub. chaser No. 143.....	NOKN	Tacoma.....	NUA	Vulcan.....	NVT
Sub. chaser No. 145.....	NOKQ	Tacony.....	WUAE	Wadsworth.....	NKW
Sub. chaser No. 147.....	NOKR	Tadousac.....	NAZQ	Wahneta.....	NVI
Sub. chaser No. 154.....	NOLC	Talbot.....	NAPL	Wainwright.....	NKX
Sub. chaser No. 156.....	NOLF	Tallahassee.....	NUC	Walke.....	NWL
Sub. chaser No. 159.....	NOLK	Tallapoosa (C. G. C.).....	NRV	Walker.....	NESX
Sub. chaser No. 177.....	NOLR	Tanager.....	NABS	Wandank.....	NARF
Sub. chaser No. 185.....	NOMD	Tarbell.....	NEZP	Warbler.....	NIKM
Sub. chaser No. 186.....	NOMF	Tatnuck.....	NETQ	Ward.....	NAGS
Sub. chaser No. 188.....	NOMJ	Tattnall.....	NEPS	Warren.....	WXN
Sub. chaser No. 190.....	NOML	Taylor (C. G. C.).....	NTB	Warrington.....	NWD
Sub. chaser No. 191.....	NOMM	Taylor.....	NALR	Washington.....	NWE
Sub. chaser No. 192.....	NOMN	Teal.....	NAPN	Wasmuth.....	NUKC
Sub. chaser No. 195.....	NOMR	Tennessee.....	NSE	Waters.....	NATT
Sub. chaser No. 210.....	NONN	Tern.....	NIKT	Welborn C. Wood.....	NULI
Sub. chaser No. 214.....	NONS	Terry.....	NUI	Welles.....	NAJZ
Sub. chaser No. 223.....	NOPF	Texas.....	NCD	Wenonah (C. & GS).....	NJJ
Sub. chaser No. 224.....	NOPG	Thatcher.....	NESV	West Virginia.....	NEDJ
Sub. chaser No. 229.....	NOPN	Thomas.....	NIFN	Wheeling.....	NWH
Sub. chaser No. 231.....	NOPQ	Thomas.....	WXM	Whipple.....	NUNL
Sub. chaser No. 232.....	NOPR	Thompson.....	NAZC	Whippoorwill.....	NIJQ
Sub. chaser No. 237.....	NOPZ	Thompson, Smith.....	NUJJ	Whitney.....	NIRL
Sub. chaser No. 251.....	NOQQ	Thornton.....	NWX	Wickes.....	NATJ
Sub. chaser No. 252.....	NOQR	Thrush.....	NIKS	Widgeon.....	NAQF
Sub. chaser No. 253.....	NOQS	Tillman.....	NEQT	Wilhelmina.....	NDE
Sub. chaser No. 263.....	NORJ	Tingard (C. G. C.).....	NISB	Wilkes.....	NIKQ
Sub. chaser No. 264.....	NORK	Tingey.....	NWY	Willet.....	NIKN
Sub. chaser No. 270.....	NORR	Tippicanoe.....	NUGV	William B. Preston.....	NUMQ
Sub. chaser No. 271.....	NORS	Tonopah.....	NUN	William Jones.....	NARR
Sub. chaser No. 273.....	NORV	Topeka.....	NLY	Williams.....	NENT
Sub. chaser No. 277.....	NOSC	Torpedo Test Barge	NIFR	Williamson.....	NUNS
Sub. chaser No. 278.....	NOSD	No. 1.		Willoughby.....	NJX
Sub. chaser No. 283.....	NOSL	Torpedo Test Barge	NIFS	Wilmington.....	NWK
Sub. chaser No. 284.....	NOSM	No. 2.		Winslow.....	NJA
Sub. chaser No. 287.....	NOSQ	Torpedo Test Barge	NIFX	Wisconsin.....	NWM
Sub. chaser No. 294.....	NOTB	No. 3.		Wolverine.....	NGW
Sub. chaser No. 295.....	NOTC	Torpedo Test Barge	NIFZ	Wompatuck.....	NVJ
Sub. chaser No. 298.....	NOTG	No. 4.		Wood.....	NUMF
Sub. chaser No. 299.....	NOTJ	Toucey.....	NULX	Woodbury.....	NATM
Sub. chaser No. 301.....	NOTL	Tracy.....	NUJL	Woodcock.....	NIKP
Sub. chaser No. 303.....	NOTN	Traffic.....	NVA	Worden.....	NUNM
Sub. chaser No. 305.....	NOTQ	Trenton.....	NISR	Wright.....	NIRN
Sub. chaser No. 306.....	NOTR	Trever.....	NUMP	Wyoming.....	NWQ
Sub. chaser No. 308.....	NOTT	Trinity.....	NUGX	Yacona.....	NJM
Sub. chaser No. 310.....	NOTX	Trippie.....	NUQ	Yamacraw.....	NRY
Sub. chaser No. 320.....	NOVC	Triton.....	NVC	Yarborough.....	NUMC
Sub. chaser No. 326.....	NOVL	Truxton.....	NUQK	Yarnall.....	NIGS
Sub. chaser No. 328.....	NOVN	Tucker.....	NKV	Yocona.....	NUNB
Sub. chaser No. 330.....	NOVQ	Tulip (L. H. T.).....	NXX	Young.....	NESG
Sub. chaser No. 332.....	NOVS	Tulsa.....	NIST	Zane.....	NUMN
Sub. chaser No. 340.....	NOXF	Turkey.....	NIJF	Zeihn.....	NUMB
Sub. chaser No. 341.....	NOXG	Turner.....	NERQ	Zizania (L. H. T.).....	NZZ
Sub. chaser No. 353.....	NOXS	Tuscarora (C. G. C.).....	NRL		
Sub. chaser No. 408.....	NOZC	Twiggs.....	NEPV		

GOVERNMENT LAND AND SHIP RADIO STATIONS, BY CALL SIGNALS.

Call.	Station.		Call.	Station.
KDEF	Omaha, Nebr.....	c	NDJ	Gorgona.....
KDEG	Cheyenne, Wyo.....	c	NDM	Cleveland.....
KDEH	Salt Lake City, Utah.....	c	NDN	Pueblo.....
KDEJ	Elko, Nev.....	c	NDO	Comfort.....
KDEK	Reno, Nev.....	c	NDQ	Connecticut.....
KDEL	St. Louis, Mo.....	c	NDR	Lydonia.....
KDHM	North Platte, Nebr.....	c	NDU	Culgoa.....
KDHN	Rock Springs, Wyo.....	c	NDV	S. P. 493 (Cahill).....
KDPB	Minneapolis, Minn.....	c	NDW	Cape Hatteras, N. C.....
KDQA	Chicago, Ill.....	c	NEK	Delaware.....
KDQC	Cincinnati, Ohio.....	c	NEL	Lakehurst, N. J.....
KEXQ	South Bend.....	b	NEM	Denver.....
KGU	Kansakanak, Alaska.....	c	NEN	Des Moines.....
KIML	Santa Leonora.....	c	NEO	Stockton.....
KKI	Kilkenny.....	b	NEP	Dixie.....
KUVS	New York, N. Y.....	c	NEQ	Dolphin.....
NAA	Washington, D. C. (Arlington).....	c	NET	Drayton.....
NAC	Portsmouth, N. H.....	c	NEU	Dubuque.....
NAD	Boston, Mass.....	c	NEV	Savannah, Ga.....
NAF	Newport, R. I.....	c	NEX	S. P. 1014 (Sea Rover).....
NAH	New York, N. Y., Fire Island, N. Y.....	c	NEY	Constellation (old).....
NAT	Philadelphia, Pa.....	c	NFA	Brooklyn.....
NAJ	Great Lakes, Ill.....	c	NFD	El Cano.....
NAK	Naval Academy, Annapolis, Md.....	c	NFE	Charleston.....
NAL	Washington, D. C. (Navy Yard).....	c	NFM	Fanning.....
NAM	Norfolk, Va., Hampton Roads, Va.....	c	NFR	Florida.....
NAN	Morehead City, N. C.....	c	NFU	Nantucket.....
NAO	Charleston, S. C.....	c	NFV	Quantico, Va.....
NAP	St. Augustine, Fla.....	c	NFX	Housatonic.....
NAQ	Jupiter, Fla.....	c	NFY	Intrepid.....
NAR	Key West, Fla.....	c	NFZ	Rainbow.....
NAS	Pensacola, Fla.....	c	NGA	Columbia.....
NAT	New Orleans, La.....	c	NGB	Minneapolis.....
NAU	San Juan, P. R.....	c	NGC	Boston.....
NAV	Parris Island, S. C.....	c	NGD	Galveston.....
NAW	Guantanamo Bay, Cuba.....	c	NGE	Miami, Fla.....
NAX	Colon, C. Z.....	c	NGF	Georgia.....
NAY	Point Isabel, Tex.....	c	NGG	Olympia.....
NAZ	Managua, Nicaragua.....	c	NGH	Glacier.....
NBA	Balboa, C. Z.....	c	NGI	Chattanooga.....
NBB	St. Thomas, V. I.....	c	NGJ	Goldsborough.....
NBD	Bar Harbor, Me.....	c	NGL	St. Petersburg, Fla.....
NBG	Indian Head, Md.....	c	NGN	Pensacola.....
NBJ	Albany.....	b	NGP	Beaufort.....
NBL	Alert.....	b	NGQ	Quincy.....
NBP	Ammen.....	b	NGR	Bridgeport.....
NBR	Annapolis.....	b	NGS	Savannah.....
NBU	Arethusa.....	b	NGT	Mobile, Ala.....
NBV	Arkansas.....	b	NGU	Hannibal.....
NBW	Arizona.....	b	NGV	Hartford.....
NBZ	Baltimore, Md.....	c	NGW	Wolverine.....
NCA	Nevada.....	b	NGY	Helena.....
NCB	Oklahoma.....	b	NGZ	Houston.....
NCC	New York.....	b	NHA	Henley.....
NCD	Texas.....	b	NHD	Monadnock.....
NCE	Pennsylvania.....	b	NHF	S. P. 521 (Isabel).....
NCF	Bailey.....	b	NHH	Ozark.....
NCH	Baltimore.....	b	NHI	Hancock.....
NCL	Beale.....	b	NHN	Idaho.....
NCN	Birmingham.....	b	NHO	Illinois.....
NCR	Canandaigua.....	b	NHS	Gulfport.....
NCU	Buffalo.....	b	NHU	Roanoke.....
NCV	Burrows.....	b	NHV	Iroquois.....
NCX	Dreadnaught.....	b	NHW	Kittery.....
NCY	Caesar.....	b	NHY	Bath.....
NCZ	Virginia Beach, Va.....	c	NHZ	Newport News.....
NDB	Celtic.....	b	NIB	Jarvis.....
NDL	Sayville, N. Y.....	c	NID	Jenkins.....
NDE	Wilhelmina.....	b	NIE	Jouett.....
NDF	California.....	b	NIH	Aylwin.....
NDG	Chester.....	b	NII	Balch.....
NDH	Cheyenne.....	b	NIJ	Benham.....
NDI	Chicago.....	b	NIK	Cassin.....

GOVERNMENT LAND AND SHIP RADIO STATIONS, BY CALL SIGNALS—Continued.

Call.	Station.		Call.	Station.	
NIL	Cummings	b	NNA	Brutus	b
NIM	Cushing	b	NNB	Jason	b
NIN	Downes	b	NNC	Langley	b
NIQ	Kansas	b	NND	Kanawha	b
NIP	Kearsarge	b	NNE	Maumee	b
NIQ	Kentucky	b	NNF	Nereus	b
NIR	Duncan	b	NNG	Proteus	b
NIS	Ericsson	b	NNH	Leonidas	b
NIT	McDougal	b	NNI	St. Croix, V. I.	c
NIU	Nicholson	b	NNK	Nanshan	b
NIV	O'Brien	b	NNL	Coco Solo, C. Z.	c
NIW	Parker	b	NNM	Saturn	b
NIZ	Lebanon	b	NNQ	S. P. 813 (Corona)	b
NJA	Winslow	b	NNT	Cape Maia, R. P.	c
NJB	Louisiana	b	NNW	La Palma, R. P.	c
NJD	Allen	b	NNX	Undaunted	b
NJE	Conyngham	b	NNZ	Buffalo, N. Y.	c
NJF	Davis	b	NOA	Osceola	b
NJG	San Domingo City, D. R.	b	NOB	Abarenda	b
NJI	S. P. 951 (Utowanah)	b	NOC	Orion	b
NJJ	Wenonah	b	NOD	Cuyama	b
NJL	Maine	b	NOE	Penobscot	b
NJM	Yacona	b	NOG	Paducah	b
NJO	Rappahannock	b	NOH	Henderson	b
NJR	Mars	b	NOI	Bridge	b
NJS	Frederick	b	NOJ	Panther	b
NJU	Mayrant	b	NOK	Patterson	b
NJV	Mayflower (President's yacht)	b	NOL	Patapsco	b
NJW	McCall	b	NOM	Patuxent	b
NJX	Willoughby	b	NON	Paulding	b
NJY	Port Arthur, Tex.	e	NOO	Porter	b
NJZ	Michigan	b	NOT	Pittsburgh	b
NKA	Melville	b	NOW	Peoria	b
NKB	Galveston, Tex.	c	NOX	Perkins	b
NKC	Navassa Island, W. I.	c	NPA	Cordova, Alaska	c
NKD	Minnesota	b	NPB	Sitka, Alaska	c
NKE	Mississippi	b	NPD	Tatoosh, Wash.	c
NKF	Missouri	b	NPE	North Head, Wash.	c
NKG	S. P. 1116 (Genesee)	b	NPF	Marshfield, Oreg.	c
NKK	Mercy	b	NPG	San Francisco, Calif.	c
NKL	Monaghan	b	NPH	Vladivostok, Siberia	c
NKM	Missoula	b	NPI	Farallons, Calif.	c
NKN	Monterey	b	NPK	Point Arguello, Calif.	c
NKP	S. P. 714 (Galatea)	b	NPL	San Diego, Calif.	c
NKQ	Wilkes	b	NPM	(Honolulu, Pearl Harbor, Heia Point, Hawaii)	c
NKR	Rowan	b	NPN	Guam, Guam	c
NKS	Sampson	b	NPO	Cavite, P. I.	c
NKT	Schley	b	NPP	Peking, China	c
NKU	Shaw	b	NPQ	St. Paul, Alaska	c
NKV	Tucker	b	NPR	Dutch Harbor, Alaska	c
NKW	Wadsworth	b	NPS	Kodiak, Alaska	c
NKX	Wainwright	b	NPT	Olongapo, P. I.	c
NKZ	Navajo	b	NPU	Tutuila, Samoa	c
NLA	Nantucket Shoals L. V. No. 85	b	NPV	Seaward, Alaska	c
NLC	Frying Pan Shoals L. V. No. 94	b	NPW	Eureka, Calif.	c
NLF	Kukui	b	NPX	San Pedro, Calif.	c
NLJ	Pathfinder	b	NPY	St. George, Alaska	c
NLK	Bache	b	NPZ	Puget Sound, Wash.	c
NLL	Columbine	b	NQE	S. P. 1250 (Nahant)	b
NLM	Cypress	b	NQF	Pompey	b
NLP	Head Bank L. V. No. 81	b	NQK	Potomac	b
NLS	Fire Island L. V. No. 68	b	NQL	Machias	b
NLT	Orchid	b	NQM	Prairie	b
NLU	Manzanita	b	NQP	S. P. 524 (Margaret)	b
NLV	Sequoia	b	NQQ	Monocacy	b
NLW	Cedar	b	NQR	Prometheus	b
NLY	Topeka	b	NQS	Palos	b
NLZ	Constitution (old)	b	NQT	Pampanga	b
NMA	Nebraska	b	NQU	Surveyor	b
NMB	Manati, Cuba	c	NQV	Sacramento	b
NMC	Vestal	b	NQW	New Mexico	b
NME	New Hampshire	b	NQY	Albatross	b
NMF	New Jersey	b	NQZ	Quiros	b
NMG	New Orleans	b	NRA	Algonquin	b
NMH	Newport	b	NRB	Bear	b
NMK	Aroostook	b	NRC	Morrill	b
NML	Shawmut	b	NRD	Androscoggin	b
NMN	Charlotte	b	NRE	Seneca	b
NMO	North Dakota	b	NRF	Snohomish	b
NMS	Neptune	b	NRG	Gresham	b
NMW	Ohio	b			
NMZ	Oregon	b			

GOVERNMENT LAND AND SHIP RADIO STATIONS, BY CALL SIGNALS—Continued.

Call.	Station.		Call.	Station.
NRH	Cleveland, Ohio.....	c	NVW	Biddle.....
NRI	Itasca.....	b	NVX	Blakely.....
NRJ	Ossipee.....	b	NVZ	Dahlgren.....
NRK	Puerto Obaldia, R. P.....	c	NWB	De Long.....
NRL	Tuscarora.....	b	NWC	Dupont.....
NRN	Manning.....	b	NWD	Warrington.....
NRO	Onondaga.....	b	NWE	Washington.....
NRQ	Detroit, Mich.....	c	NWF	Foote.....
NRR	Pamlico.....	b	NWG	Huntington.....
NRS	Seminole.....	b	NWH	Wheeling.....
NRT	Little.....	b	NWJ	Fox.....
NRU	Acushnet.....	b	NWK	Wilmington.....
NRV	Tallapoosa.....	b	NWL	Walke.....
NRW	Comanche.....	b	NWM	Wisconsin.....
NRX	Unalga.....	b	NWQ	Wyoming.....
NRY	Yamacraw.....	b	NWS	Morris.....
NSC	Port au Prince, Haiti.....	c	NWT	Rodgers.....
NSD	Cape May, N. J.....	c	NWU	Shubrick.....
NSE	Tennessee.....	b	NWV	Somers.....
NSF	Anacostia, D. C.....	c	NWX	Thornton.....
NSH	Manley.....	b	NWY	Tingey.....
NSI	Caldwell.....	b	NXA	Chatham, Mass.....
NSM	Alpena, Mich.....	c	NXH	B-1.....
NSN	Conner.....	b	NXI	B-2.....
NSP	Arapaho.....	b	NXJ	B-3.....
NSR	Frankfort, Mich.....	c	NXK	C-1.....
NSS	Annapolis, Md.....	c	NXL	C-2.....
NST	Solace.....	b	NXM	C-3.....
NSU	Dixon.....	b	NXX	C-4.....
NSW	South Carolina.....	b	NXO	C-5.....
NSX	Huron.....	b	NXP	D-1.....
NSZ	Cumberland.....	b	NXQ	D-2.....
NTA	Ontario.....	b	NXR	D-3.....
NTB	Sterrett.....	b	NXS	E-1.....
NTD	S. P. 1161 (Francis B. Hackett).....	b	NXT	E-2.....
NTF	St. Louis.....	b	NXU	Azalea.....
NTG	Sonoma.....	b	NXV	F-2.....
NTL	Sylph.....	b	NXW	F-3.....
NTM	Ludington, Mich.....	c	NXX	Tulip.....
NTN	Fairfax.....	b	NXZ	G-2.....
NTO	Mohave.....	b	NYA	G-3.....
NTP	Salem.....	b	NYB	G-4.....
NTQ	San Francisco.....	b	NYD	H-2.....
NTR	Rochester.....	b	NYE	H-3.....
NTT	Scorpion.....	b	NYF	K-1.....
NTX	Rhode Island.....	b	NYG	K-2.....
NTZ	Roe.....	b	NYH	K-3.....
NUA	Tacoma.....	b	NYI	K-4.....
NUB	Manistique, Mich.....	c	NYJ	K-5.....
NUC	Tallahassee.....	b	NYK	K-6.....
NUD	Mackinac Island, Mich.....	c	NYL	K-7.....
NUG	Calumet, Mich.....	c	NYM	K-8.....
NUH	Pawnee.....	b	NYN	L-1.....
NUI	Terry.....	b	NYO	L-2.....
NUJ	Pawtucket.....	b	NYP	L-3.....
NUK	Milwaukee, Wis.....	b	NYQ	L-4.....
NUL	Pentucket.....	b	NYR	L-5.....
NUN	Tonopah.....	b	NYS	L-6.....
NUQ	Tripe.....	b	NYT	L-7.....
NUR	Chicago, Ill.....	c	NYU	L-8.....
NUT	Rockel.....	b	NYV	L-9.....
NUU	Samoset.....	b	NYW	L-10.....
NUV	Sebago.....	b	NYX	L-11.....
NUX	Duluth, Minn.....	c	NYY	M-1.....
NUZ	Astoria, Oreg.....	c	NZA	Mohican.....
NVA	Traffic.....	b	NZC	Bushnell.....
NVC	Triton.....	b	NZD	Fulton.....
NVD	Juneau, Alaska.....	c	NZE	N-1.....
NVE	Utah.....	b	NZF	N-2.....
NVF	Uncas.....	b	NZG	N-3.....
NVH	Ketchikan, Alaska.....	c	NZH	N-4.....
NVI	Wahneta.....	b	NZI	N-5.....
NVJ	Wompatuck.....	b	NZJ	N-6.....
NVK	Vermont.....	b	NZK	N-7.....
NVL	Seattle, Wash.....	c	NZQ	Mayflower (L. H. T.).....
NVN	Vicksburg.....	b	NZR	Cayey, P. R.....
NVP	Villalobos.....	b	NZT	Whitefish Point, Mich.....
NVR	Virginia.....	b	NZU	Detour Point, Mich.....
NVS	Farragut.....	b	NZZ	Zizania.....
NVT	Vulcan.....	b	NABB	T-2.....
NVU	Bagley.....	b	NABC	Niagara.....
NNV	Barney.....	b	NABG	Charles S. Ausburne.....

GOVERNMENT LAND AND SHIP RADIO STATIONS, BY CALL SIGNALS—Continued.

Call.	Station.		Call.	Station.
NABJ	Light Vessel No. 66	c	NAMC	Mexican
NABP	Anemone (L. H. T.)	b	NAMD	Reno
NABS	Tanager	b	NAMG	Gen. Alava
NABT	Swiftsure Bank L. V. No. 93	c	NAMN	Narragansett
NABV	Cape Lookout Shoals L. V. No. 80	c	NAMR	O-3
NABX	Brunswick L. V. No. 84	c	NAMS	Portland L. V. No. 74
NABZ	T-3	b	NAMT	Boggs
NACB	Apache	b	NAMV	Madrono
NACD	Relief L. V. No. 76	b	NAMX	O-4
NACL	Hale	c	NAMZ	O-5
NACN	Dyer	b	NANB	O-6
NACP	Stringham	b	NANC	O-7
NACQ	McKee	b	NAND	O-8
NACR	Rapidan	b	NANJ	Plattsburg
NACS	Owl	b	NANQ	Robin
NACT	Blunts Reef L. V. No. 83	c	NANS	Pollock Rip L. V. No. 47
NACV	Umatilla Reef L. V. No. 67	c	NANT	Stone Horse Shoal L. V. No. 5
NACX	Vineyard Sound L. V. No. 41	c	NANV	Mangrove
NACZ	Allegheny	b	NANX	Sagamore
NADB	Relief No. 92	c	NANZ	Farquhar
NADD	Arcata	b	NAPG	Seattle
NADF	Crowninshield	b	NAPK	Stevens
NADL	Kimberly	b	NAPL	Talbot
NADP	Avocet	b	NAPM	Converse
NADQ	S. P. 1232 (Barneget)	b	NAPN	Teal
NADT	Winter Quarter Shoals L. V. No. 91	c	NAPP	Hen & Chickens L. V. No. 42
NADV	Five Fathom Bank L. V. No. 79	c	NAPR	Camden
NADX	Boston L. V. No. 54	c	NAPS	Magnolia
NAFC	Dickerson	b	NAPT	Amaranth
NAFF	Brant	b	NAPV	Maple
NAFL	Leary	b	NAQB	L. V. No. 20
NAFN	Cardinal	b	NAQC	Piscataqua
NAFP	Cayuga	b	NAQF	Widgeon
NAFS	Burns	b	NAQJ	Rail
NAFT	Pollock Rip Slue L. V. No. 73	c	NAQM	S. P. 2047 (Moosehead)
NAFV	Fern	b	NAQN	Paul Hamilton
NAFX	R-17	b	NAQS	Handkerchief L. V. No. 3
NAFZ	Semmes	b	NAQV	Marigold
NAGB	O-9	b	NARC	Maryland
NAGC	Satterlee	b	NARF	Wandank
NAGG	Mason	b	NARG	Chemung
NAGJ	Graham	b	NARN	S. P. 1213 (Montauk)
NAGL	Chandler	b	NARP	Aramis
NAGM	Arbutus	b	NARR	William Jones
NAGQ	Curacao	b	NARS	Northeast End (N. J.) L. V. No. 44
NAGS	Ward	b	NART	Martin's Industry (N. C.) L. V. No. 1
NAGT	South Pass (La.) L. V. No. 102	c	NARV	Scotland (N. Y.) L. V. No. 11
NAGV	Hyacinth	b	NARX	Ram Island Reef (Conn.) L. V. No. 23
NAGX	Gwin	b	NARZ	R-20
NAJB	Sigourney	b	NASB	Brenton Reef (R. I.) L. V. No. 39
NAJC	Relief No. 53	c	NASC	Cornfield Point (Conn.) L. V. No. 48
NAJD	Black Hawk	b	NASD	Rose
NAJJ	Relief No. 86	c	NASG	Sumac
NAJK	Southard	b	NASK	Relief No. 16
NAJL	Colhoun	b	NASM	O-16
NAJP	Finch	b	NASV	R-15
NAJQ	Bancroft	b	NASX	R-16
NAJR	Gregory	b	NATD	Hedge Fence (Mass.) L. V. No. 9
NAJS	Fenwick Island Shoals L. V. No. 52	c	NATG	Bell
NAJT	Columbia River L. V. No. 88	c	NATJ	Wickes
NAJV	Cape Charles L. V. No. 101	c	NATM	Woodbury
NAJX	Robinson	b	NATS	Umpqua
NAJZ	Welles	b	NATT	Waters
NAKD	Ajax	b	NAV	Explorer
NAKL	Heather	b	NAVS	Stribling
NAKN	Hibiscus	b	NAXJ	Montgomery
NAKS	San Francisco L. V. No. 70	c	NAXK	Murray
NAKT	Overfalls L. V. No. 69	c	NAXN	Kewaydin
NAKV	Ivy	b	NAXS	O-15
NAKX	Kilty	b	NAXT	O-10
NALC	Lapwing	b	NAZC	Thompson
NALK	Lykens	b	NAZJ	Charleston (S. C.), L. V. No. 34
NALL	Iris	b	NAZL	Lamberton
NALP	Kingfisher	b	NAZM	Kennedy
NALQ	S. P. 164 (May)	b	NAZP	Bagaduce
NALR	Taylor	b	NAZQ	Tadoussac
NALS	Ambrose Channel L. V. No. 87	c	NAZR	Tail of horseshoe (Va.) L. V. No. 46
NALT	Ringgold	b	NAZS	Kalmia
NALV	Laurel	b	NAZV	Relief No. 4
NALZ	Stoddert	b	NAZZ	Robert L. Barnes
NAMB	Larkspur	b	NEBF	Constitution

GOVERNMENT LAND AND SHIP RADIO STATIONS, BY CALL SIGNALS—Continued.

Call.	Station.		Call.	Station.	
NEBJ	Meade.....	b	NENV	Hart.....	b
NEBV	H-9.....	b	NENX	Ingraham.....	b
NECD	S. P. 2225 (Navigator).....	b	NENZ	Ludlow.....	b
NECK	Farenholz.....	b	NEPB	Hovey.....	b
NECR	Colorado.....	b	NEPD	Long, J. D.....	b
NECT	Penguin.....	b	NEPF	Broome.....	b
NECV	Palmer.....	b	NEPG	Maury.....	b
NECZ	Sotoyomo.....	b	NEPQ	(Relief) Hospital Ship No. 1.....	b
NEDB	Lexington.....	b	NEPS	Tattnall.....	b
NEDF	Constellation.....	b	NEPT	Badger.....	b
NEDG	Philip.....	b	NEPV	Twiggs.....	b
NEDJ	West Virginia.....	b	NEPX	Babbitt.....	b
NEDN	Ozette.....	b	NEPZ	Jacob Jones.....	b
NEDX	Nero.....	b	NEQF	Montealm.....	b
NEFC	H-6.....	b	NEQK	Mahan.....	b
NEFK	Pelican.....	b	NEQM	Oil Barge No. 9.....	b
NEFL	Swallow.....	b	NEQQ	H-4.....	b
NEFS	S. P. 181 (Felori).....	b	NEY'S	Beaver.....	b
NEFT	Unadilla.....	b	NEQT	Buchanan.....	b
NEFZ	Long Beach.....	b	NEQX	Tillman.....	b
NEG C	R-18.....	b	NEQZ	Kennison.....	b
NEGD	Luce.....	b	NERB	Claxton.....	b
NEGF	Dent.....	b	NERG	Gilmore.....	b
NEGK	R-19.....	b	NERJ	Aulick.....	b
NEGS	Fortune.....	b	NERL	Craven.....	b
NEJB	Eagle 1.....	b	NERQ	Lansdale.....	b
NEJC	Eagle 2.....	b	NERR	Turner.....	b
NEJD	Eagle 3.....	b	NERS	Gillis.....	b
NEJF	Eagle 4.....	b	NERT	Upshur.....	b
NEJG	Eagle 5.....	b	NERV	Greer.....	b
NEJJ	Eagle 6.....	b	NERX	Elliot.....	b
NEJK	Eagle 7.....	b	NERZ	Roper.....	b
NEJL	Eagle 8.....	b	NESB	Breckinridge.....	b
NEJM	Eagle 9.....	b	NESC	S. P. Lee.....	b
NEJN	Eagle 10.....	b	NESD	Relief L. V. No. 49.....	c
NEJP	Eagle 11.....	b	NESG	Young.....	b
NEJQ	Eagle 12.....	b	NESJ	H-7.....	b
NEJR	Eagle 13.....	b	NESM	Breee.....	b
NEJS	Eagle 14.....	b	NESN	S. P. 1121 (Osborne).....	b
NEJT	Eagle 15.....	b	NESR	Fathomer (C. & G. S.).....	b
NEJV	McGourty.....	b	NESS	Bernadou.....	b
NEJX	Eagle 17.....	b	NEST	Cole.....	b
NEJZ	Eagle 18.....	b	NESV	Thatcher.....	b
NEKB	Eagle 19.....	b	NESX	Walker.....	b
NEKC	Scally.....	b	NESZ	Crosby.....	b
NEKD	Bothwell.....	b	NETB	McFarland.....	b
NEKF	Earp.....	b	NETD	Mahopaz.....	b
NEKG	Eagle 23.....	b	NETF	Lea.....	b
NEKJ	Eagle 24.....	b	NETG	H-5.....	b
NEKM	S. P. 724 (Fearless).....	b	NETJ	O-2.....	b
NEKN	Falcon.....	b	NETK	O-11.....	b
NEKP	Harbor Tug No. 74.....	b	NETL	O-12.....	b
NEKQ	Champlin.....	b	NETQ	Tatnuck.....	b
NEKR	Hercules.....	b	NETS	Meredith.....	b
NEKS	S. P. 1015 (Challenge).....	b	NETT	Bush.....	b
NEKZ	Manhattan.....	b	NETV	Cowell.....	b
NELB	Saratoga.....	b	NETX	Mattox.....	b
NELF	Ranger.....	b	NETZ	Koka.....	b
NELG	Dorsey.....	b	NEVB	Sunnadin.....	b
NELK	Pyro.....	b	NEVC	Napa.....	b
NELL	Nitro.....	b	NEVD	O-14.....	b
NELN	H-8.....	b	NEVK	Sciota.....	b
NELR	Contocook.....	b	NEVL	Pinola.....	b
NELV	Ashville.....	b	NEVM	Oriole.....	b
NELX	Aaron Ward.....	b	NEVP	Algorma.....	b
NEMC	Medusa.....	b	NEVQ	Carrabasset.....	b
NEMD	Sara Thompson.....	b	NEVR	Iuka.....	b
NEMG	Schenck.....	b	NEVS	Anthony.....	b
NEMJ	Herbert.....	b	NEVT	Sproston.....	b
NEML	Branch.....	b	NEVV	Rizal.....	b
NEMS	Evans.....	b	NEVX	Mackenzie.....	b
NEMT	McKean.....	b	NEVZ	Renshaw.....	b
NEMV	Harding.....	b	NEXB	Radford.....	b
NEMX	Gridley.....	b	NEXC	Keosanqua.....	b
NEMZ	Chew.....	b	NEXF	Eagle 26.....	b
NENG	Israel.....	b	NEXG	Eagle 27.....	b
NENJ	Herndon.....	b	NEXJ	O-1.....	b
NENL	Heron.....	b	NEXL	Knudsen.....	b
NENN	Dallas.....	b	NEXM	Eagle 28.....	b
NENS	Atlantic.....	b	NEXN	Eagle 29.....	b
NENT	Hazelwood.....	b	NEXP	Carr.....	b
	Williams.....	b	NEXR	Mugford.....	b

GOVERNMENT LAND AND SHIP RADIO STATIONS, BY CALL SIGNALS—Continued.

Call.	Station.	Call.	Station.		
NEXS	O'Bannon.....	.b	NIGJ	Laub.....	.b
NEXT	Hogan.....	.b	NIGK	McLanahan.....	.b
NEXV	Stansbury.....	.b	NIGL	Edwards.....	.b
NEXX	Hopewell.....	.b	NIGM	Greene.....	.b
NEZZ	Haraden.....	.b	NIGN	Ballard.....	.b
NEZG	Eagle 31.....	.b	NIGP	Swasey.....	.b
NEZJ	Eagle 32.....	.b	NIGQ	John Frances Burnes.....	.b
NEZN	O-13.....	.b	NIGR	J. Fred Talbot.....	.b
NEZP	Tarbell.....	.b	NIGS	Yarnall.....	.b
NEZZQ	Delphy.....	.b	NIGT	Cook.....	.b
NEZR	Gamble.....	.b	NIJB	Curlew.....	.b
NEZS	Abbot.....	.b	NIJF	Turkey.....	.b
NEZT	Clemson.....	.b	NIJG	Partridge.....	.b
NEZV	Hatfield.....	.b	NIJJ	Bobolink.....	.b
NEZX	Brooks.....	.b	NIJK	Lark.....	.b
NEZZ	Belknap.....	.b	NIJL	Osprey.....	.b
NIBB	Eagle 33.....	.b	NIJM	Seagull.....	.b
NIBC	Eagle 39.....	.b	NIJN	Flamingo.....	.b
NIBD	Eagle 34.....	.b	NIJP	Swan.....	.b
NIBF	Eagle 40.....	.b	NIJQ	Whippoorwill.....	.b
NIBG	Eagle 35.....	.b	NIJR	Bittern.....	.b
NIBJ	Eagle 41.....	.b	NIJS	Sanderling.....	.b
NIBK	Eagle 36.....	.b	NIJT	Auk.....	.b
NIBL	Eagle 42.....	.b	NIJV	Chewink.....	.b
NIBM	Eagle 37.....	.b	NIJX	Gannet.....	.b
NIBN	Eagle 38.....	.b	NIKB	Mallard.....	.b
NIBP	Eagle 43.....	.b	NIKC	Ortolan.....	.b
NIBQ	Eagle 44.....	.b	NIKD	Peacock.....	.b
NIBR	Eagle 45.....	.b	NIKF	Pigeon.....	.b
NIBS	Eagle 46.....	.b	NIKG	Redwing.....	.b
NIBT	Eagle 47.....	.b	NIKK	Sandpiper.....	.b
NIBV	Eagle 48.....	.b	NIKL	Vireo.....	.b
NIBX	Eagle 49.....	.b	NIKM	Warbler.....	.b
NIBZ	Eagle 50.....	.b	NIKN	Willet.....	.b
NICB	Eagle 51.....	.b	NIKP	Woodcock.....	.b
NICC	Eagle 52.....	.b	NIKQ	Quail.....	.b
NICD	Eagle 53.....	.b	NIKR	Eider.....	.b
NICF	Eagle 54.....	.b	NIKS	Thrush.....	.b
NICG	Eagle 55.....	.b	NIKT	Tern.....	.b
NICJ	Eagle 56.....	.b	NIKV	Cormorant.....	.b
NICK	Eagle 57.....	.b	NIKX	Grebe.....	.b
NICL	Eagle 58.....	.b	NIKZ	Raven.....	.b
NICM	Eagle 59.....	.b	NI LB	T-1.....	.b
NICN	Eagle 60.....	.b	NI LC	R-1.....	.b
NICP	Cygan.....	.b	NI LD	R-2.....	.b
NICQ	V-1.....	.b	NI LF	R-3.....	.b
NICR	V-2.....	.b	NI LG	R-4.....	.b
NICS	V-3.....	.b	NI LJ	R-5.....	.b
NICT	V-4.....	.b	NI LK	R-6.....	.b
NICV	V-5.....	.b	NI LL	R-7.....	.b
NICX	V-6.....	.b	NI LM	R-8.....	.b
NICZ	V-7.....	.b	NI LN	R-9.....	.b
NIDB	Quigley.....	.b	NI LP	R-10.....	.b
NIDC	Stellenwerf.....	.b	NI LQ	R-11.....	.b
NIDD	V-8.....	.b	NI LR	R-12.....	.b
NIDF	Despatch.....	.b	NI LS	R-13.....	.b
NIDG	Richards.....	.b	NI LT	R-14.....	.b
NIDJ	V-9.....	.b	NI LV	R-21.....	.b
NIDL	Mehalatos.....	.b	NI LX	R-22.....	.b
NIFB	Crane.....	.b	NI LZ	R-23.....	.b
NIFC	Ramsay.....	.b	NI MB	R-24.....	.b
NIFD	Ellis.....	.b	NI MC	R-25.....	.b
NIFF	Chauncey.....	.b	NI MD	R-26.....	.b
NIFG	Fuller.....	.b	NI MF	R-27.....	.b
NIFJ	Percival.....	.b	NI MG	S-1.....	.b
NIFK	Brazos.....	.b	NI MJ	S-2.....	.b
NIFL	Hamilton.....	.b	NI MK	S-3.....	.b
NIFM	Howard.....	.b	NI ML	S-4.....	.b
NIFN	Thomas.....	.b	NI MM	S-5.....	.b
NIFP	Neches.....	.b	NI MP	S-6.....	.b
NIFQ	Pecos.....	.b	NI MQ	S-7.....	.b
NIFR	Torpedo Test Barge No. 1.....	.b	NI MR	S-8.....	.b
NIFS	Torpedo Test Barge No. 2.....	.b	NI MS	S-9.....	.b
NIFT	Coast Torpedo Boat No. 6.....	.b	NI MT	S-10.....	.b
NIFV	Cyan.....	.b	NI MV	S-11.....	.b
NIFX	Torpedo Test Barge No. 3.....	.b	NI MX	S-12.....	.b
NIFZ	Torpedo Test Barge No. 4.....	.b	NI NY	S-13.....	.b
NIGB	McCook.....	.b	NI MZ	S-14.....	.b
NIGC	McCalla.....	.b	NI NB	S-15.....	.b
NIGD	Kalk.....	.b	NI NC	S-16.....	.b
NIGF	Ingram, Osmond.....	.b	NI ND	S-17.....	.b
NIGG	McDermut.....	.b	NI NF	S-18.....	.b

GOVERNMENT LAND AND SHIP RADIO STATIONS, BY CALL SIGNALS—Continued.

Call.	Station.		Call.	Station.
NING	S-19	.b	NOFX	Sub. chaser No. 93.....
NINJ	S-20	.b	NOGJ	Sub. chaser No. 100.....
NINK	S-21	.b	NOGL	Sub. chaser No. 102.....
NINL	S-22	.b	NOGN	Sub. chaser No. 104.....
NIMM	S-23	.b	NOGQ	Sub. chaser No. 106.....
NINN	S-24	.b	NOJK	Sub. chaser No. 119.....
NINP	S-25	.b	NOJM	Sub. chaser No. 121.....
NINQ	S-26	.b	NOKN	Sub. chaser No. 143.....
NINR	S-27	.b	NOKQ	Sub. chaser No. 145.....
NINS	S-28	.b	NOKR	Sub. chaser No. 147.....
NINT	S-29	.b	NOLC	Sub. chaser No. 154.....
NINV	S-30	.b	NOLF	Sub. chaser No. 156.....
NINX	S-31	.b	NOLK	Sub. chaser No. 159.....
NINZ	S-32	.b	NOLR	Sub. chaser No. 177.....
NIPB	S-33	.b	NOMD	Sub. chaser No. 185.....
NIPC	S-34	.b	NOMF	Sub. chaser No. 186.....
NIPD	S-35	.b	NOMJ	Sub. chaser No. 188.....
NIPF	S-36	.b	NOML	Sub. chaser No. 190.....
NIPG	S-37	.b	NOMM	Sub. chaser No. 191.....
NIPJ	S-38	.b	NOMN	Sub. chaser No. 192.....
NIPK	S-39	.b	NOMR	Sub. chaser No. 195.....
NIPL	S-40	.b	NONN	Sub. chaser No. 210.....
NIPM	S-41	.b	NONS	Sub. chaser No. 214.....
NIPN	S-42	.b	NOPF	Sub. chaser No. 223.....
NIPP	S-43	.b	NOPG	Sub. chaser No. 224.....
NIPQ	S-44	.b	NOPN	Sub. chaser No. 229.....
NIPR	S-45	.b	NOPQ	Sub. chaser No. 231.....
NIPS	S-46	.b	NOPR	Sub. chaser No. 232.....
NIPT	S-47	.b	NOPZ	Sub. chaser No. 237.....
NIPV	S-48	.b	NOQQ	Sub. chaser No. 251.....
NIPX	S-49	.b	NOQR	Sub. chaser No. 252.....
NIPZ	S-50	.b	NOQS	Sub. chaser No. 253.....
NIQB	Sub. chaser No. 425.....	.b	NORJ	Sub. chaser No. 263.....
NIQC	Sub. chaser No. 426.....	.b	NORK	Sub. chaser No. 264.....
NIDQ	Sub. chaser No. 427.....	.b	NORR	Sub. chaser No. 270.....
NIQK	S-51.....	.b	NORS	Sub. chaser No. 271.....
NIQL	Sub. chaser No. 432.....	.b	NORV	Sub. chaser No. 273.....
NIQP	Johansson.....	.b	NOSC	Sub. chaser No. 277.....
NIQT	Sub. chaser No. 439.....	.b	NOSD	Sub. chaser No. 278.....
NIQV	Sub. chaser No. 440.....	.b	NOSL	Sub. chaser No. 283.....
NIQX	Sub. chaser No. 441.....	.b	NOSM	Sub. chaser No. 284.....
NIRB	Sub. chaser No. 443.....	.b	NOSQ	Sub. chaser No. 287.....
NIRC	Sub. chaser No. 444.....	.b	NOTB	Sub. chaser No. 294.....
NIRL	Whitney.....	.b	NOTC	Sub. chaser No. 295.....
NIRM	Holland.....	.b	NOTG	Sub. chaser No. 298.....
NIRN	Wright.....	.b	NOTJ	Sub. chaser No. 299.....
NIRP	Iowa.....	.b	NOTL	Sub. chaser No. 301.....
NIRQ	Massachusetts.....	.b	NOTN	Sub. chaser No. 303.....
NIRR	Marblehead.....	.b	NOTQ	Sub. chaser No. 305.....
NIRS	Indiana.....	.b	NOTR	Sub. chaser No. 306.....
NIRT	Raleigh.....	.b	NOTT	Sub. chaser No. 308.....
NIRV	Concord.....	.b	NOTX	Sub. chaser No. 310.....
NISB	Tingard.....	.b	NOVC	Sub. chaser No. 320.....
NISC	Klingelhoefer.....	.b	NOVL	Sub. chaser No. 326.....
NISD	Boyce.....	.b	NOVN	Sub. chaser No. 328.....
NISG	South Dakota.....	.b	NOVQ	Sub. chaser No. 330.....
NISJ	Montana.....	.b	NOVS	Sub. chaser No. 332.....
NISK	North Carolina.....	.b	NOXF	Sub. chaser No. 340.....
NISL	Omaha.....	.b	NOXG	Sub. chaser No. 341.....
NISM	Milwaukee.....	.b	NOXS	Sub. chaser No. 353.....
NISN	Cincinnati.....	.b	NOZC	Sub. chaser No. 408.....
NISP	Detroit.....	.b	NOZD	Sub. chaser No. 409.....
NISQ	Richmond.....	.b	NOZJ	Sub. chaser No. 412.....
NISR	Trenton.....	.b	NOZK	Sub. chaser No. 413.....
NISS	Memphis.....	.b	NOZR	Sub. chaser No. 419.....
NIST	Tulsa.....	.b	NOZZ	Sub. chaser No. 424.....
NITB	Taylor.....	.b	NUBB	S. P. 43 (Daraga).....
NITK	Larsen.....	.b	NUBC	S. P. 909 (Eaglet).....
NITL	Nansemond.....	.b	NUBK	S. P. 54 (Patrol No. 6).....
NITQ	Diamond Shoals L. V. No. 72.....	.c	NUBM	Vesuvius.....
NITR	Relief L. V. No. 78.....	.c	NUBR	S. P. 3297 (Winthrop).....
NITS	Relief L. V. No. 90.....	.c	NUBS	S. P. 726 (Orca).....
NIXG	Smith (C. G.).....	.b	NUBT	S. P. 522 (Chas. Mann).....
NIZD	Oveson (C. G.).....	.b	NUCF	Lilac (L. H. T.).....
NOBQ	Sub. chaser No. 23.....	.b	NUCG	S. P. 573 (Easthampton).....
NODF	Sub. chaser No. 57.....	.b	NUCJ	S. P. 1234 (Cigarette).....
NODM	Sub. chaser No. 62.....	.b	NUCK	S. P. 765 (Adelante).....
NODN	Sub. chaser No. 63.....	.b	NUCR	S. P. 680 (Ardent).....
NODP	Sub. chaser No. 64.....	.b	NUCT	S. P. 642 (Felicia).....
NODR	Sub. chaser No. 69.....	.b	NUCX	S. P. 265 (Pocomoke).....
NODT	Sub. chaser No. 71.....	.b		S. P. 214 (Edithia).....

GOVERNMENT LAND AND SHIP RADIO STATIONS, BY CALL SIGNALS—Continued.

Call.	Station.	Call.	Station.
NUCZ	S. P. 249 (Hauoli).....b	NUNC	Lamson.....b
NUDF	S. P. 179 (Privateer).....b	NUND	Dale.....b
NUDG	Ranger.....b	NUNF	Flusser.....b
NUDK	S. P. 2373 (Herreshoff Hull No. 322).....b	NUNG	Preble.....b
NUDR	S. P. 707 (Endion).....b	NUNJ	Preston.....b
NUFB	Mohawk.....b	NUNK	Reid.....b
NUFG	S. P. 399 (Legonia).....b	NUNL	Whipple.....b
NUFL	S. P. 838 (Lawrence).....b	NUNM	Worden.....b
NUFM	Sunflower.....b	NUNN	Stewart.....b
NUFN	S. P. 1149 (Barnett).....b	NUNQ	United States.....b
NUFZ	S. P. 185 (Clarinda).....b	NUNR	Dobbin.....b
NUGB	S. P. 3218 (Resolute).....b	NUNS	Williamson.....b
NUGD	Mackinac.....b	NUNT	Reuben James.....b
NUGF	Relief No. 2 (L. V.).....b	NUNV	Isherwood.....b
NUGG	Natoma.....b	NUNX	Case.....b
NUGJ	Alameda.....b	NUNZ	Nicolas.....b
NUGK	Kaweah.....b	NUPC	John D. Edwards.....b
NUGL	Laramie.....b	NUPD	Parrott.....b
NUGM	Mattole.....b	NUPF	Lardner.....b
NUGN	Patoka.....b	NUPG	Putnam.....b
NUGP	Ramapo.....b	NUPJ	Pequot.....b
NUGQ	Rapidan.....b	NUPK	Coghlan.....b
NUGR	Salinas.....b	NUPL	Sicard.....b
NUGS	Sapelo.....b	NUPM	Edsall.....b
NUGT	Sepulga.....b	NUPN	Bulmer.....b
NUGV	Tippecanoe.....b	NUPQ	Billingsley.....b
NUGX	Trinity.....b	NUPR	Auburne, Charles.....b
NUJD	Upshur, Abel P.....b	NUPS	Bruce.....b
NUJJ	Hunt.....b	NUPT	MacLeish.....b
NUJJG	Badger, George E.....b	NUPV	Fruit.....b
NUJJ	Thompson, Smith.....b	NUPX	Simpson.....b
NUJK	Barker.....b	NUPZ	McCormick.....b
NUJL	Tracy.....b	NUQB	Pope.....b
NUJM	Paulding, James K.....b	NUQC	Osborne.....b
NUJN	Overton.....b	NUQD	Pearry.....b
NUJP	Sturtevant.....b	NUQF	Goff.....b
NUJQ	Henshaw.....b	NUQG	Pillsbury.....b
NUJR	Meyer.....b	NUQJ	Ford.....b
NUJS	Doyen.....b	NUQK	Truxton.....b
NUJT	La Vallette.....b	NUQL	Bainbridge.....b
NUJV	Shirk.....b	NUQM	Hopkins.....b
NUJX	Kidder.....b	NUQN	Paul Jones.....b
NUJZ	Selfridge.....b	NUQP	Barry.....b
NUKB	Smith, Robert.....b	NUQQ	Lawrence.....b
NUKC	Wasmuth.....b	NUQR	MacDonough.....b
NUKD	Hulbert.....b	NUQS	Perry.....b
NUKF	Noa.....b	NUQT	Hull.....b
NUKX	Humphreys.....b	NUQV	Decatur.....b
NULD	Harbor tug No. 63.....b	NUQX	Sumner.....b
NULG	Harbor tug No. 67.....b	NUQZ	Corry.....b
NULJ	Welborn C. Wood.....b	NURB	Mahanna.....b
NULK	Alden.....b	NURC	Melvin.....b
NULL	Borie.....b	WIM	Northern Pacific.....b
NULM	Kane.....b	WIR	Great Northern.....b
NULN	Childs.....b	WJD	Tongshan, China.....c
NULP	King.....b	WJI	Atka Island, Alaska.....c
NULQ	Sands.....b	WUA	Fort Andrews, Mass.....c
NULR	Sinclair.....b	WUAB	Cadmus.....b
NULS	McCawley.....b	WUAC	Gypsum Prince.....b
NULT	Moody.....b	WUAD	Gwalla.....b
NULV	Sharkey.....b	WUAE	Tacony.....b
NULX	Toucey.....b	WUBA	Camp Alfred Vail, N. J.....c
NULZ	Breck.....b	WUED	Fort Sill, Okla.....c
NUMB	Zeillin.....b	WUB	Fort Hancock, N. J.....c
NUMC	Yarborough.....b	WUC	Fort H. G. Wright, N. J.....c
NUMD	Sloat.....b	WUCB	Camp John Hay, P. I.....c
NUMF	Wood.....b	WUCA	Camp Stotsenburg, P. I.....c
NUMG	Marcus.....b	WUD	Fort Leavenworth, Kans.....c
NUMJ	Mervine.....b	WUE	Fort Legett, Me.....c
NUMK	Chase.....b	WUF	Fort Monroe, Va.....c
NUML	Mullaney.....b	WUG	Fort Monroe, Va.....c
NUMM	Litchfield.....b	WUH	Fort McIntosh, Tex.....c
NUMN	Zane.....b	WUI	Fort Riley, Kans.....c
NUMP	Trevor.....b	WUJ	Fort Sam Houston, Tex.....c
NUMQ	William B. Preston.....b	WUK	Fort Stevens, Oreg.....c
NUMR	Harbor tug No. 68.....b	WUL	Fort Totten, N. Y.....c
NUMS	S. P. 681 (Breakwater).....b	WUN	Fort Worden, Wash.....c
NUMT	Harbor tug No. 64.....b	WUO	Fort Winfield Scott, Calif.....c
NUMV	Mansfield.....b	WUP	Washington, D. C.....c
NUMX	Harbor tug No. 61.....b	WUQ	Washington, D. C.....c
NUMZ	Kankakee.....b	WUR	Fort Morgan, Ala.....c
NUNB	Yocona.....b	WUS	Fort Rosecrans, Calif.....c

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GOVERNMENT LAND AND SHIP RADIO STATIONS, BY CALL SIGNALS—Continued.

Call.	Station.		Call.	Station.
WUT	Fort Caswell, N. C.	c	WYC	Major Samuel Ringgold.....b
WUU	Fort Adams, R. I.	c	WYD	General Henry J. Hunt.....b
WUV	Livengood, Alaska	c	WYE	General Henry Knox.....b
WUW	Fort Terry, N. Y.	c	WYF	General E. O. C. Ord.....b
WUX	Fort Crockett, Tex.	c	WYG	Colonel George Armistead.....b
WUY	Fort San Jacinto, Tex.	c	WYH	General Robert Anderson.....b
WUZ	Fort Brown, Tex.	c	WYJ	Captain Charles W. Rowell.....b
WVA	Circle City, Alaska	c	WYK	General A. M. Randal.....b
WVB	Fairbanks, Alaska	c	WYL	General Harvey Brown.....b
WVC	Fort Egbert, Alaska	c	WYM	General R. B. Ayres.....b
WVD	Fort Gibbon, Alaska	c	WYN	Captain James Fornance.....b
WVE	Fort St. Michael, Alaska	c	WYO	Reno.....b
WVF	Kotlik, Alaska	c	WYP	Major Evan Thomas.....b
WVG	Nome, Alaska	c	WYQ	Captain Gregory Barrett.....b
WVH	Nulato, Alaska	c	WYR	Major Albert G. Forse.....b
WVI	Petersburg, Alaska	c	WYS	Lieut Geo. M. Harris.....b
WVJ	Wrangell, Alaska	c	WYT	General G. W. Getty.....b
WVK	Holy Cross, Alaska	c	WYU	Captain A. M. Wetherill.....b
WVL	Fort Frank, P. I.	c	WYV	General Robert W. Swartout.....b
WVN	Fort Mills, P. I.	c	WYW	Generals S. B. Holabird.....b
WVP	Fort Drum, P. I.	c	WYX	General R. H. Jackson.....b
WVR	Fort Wint, P. I.	c	WYY	Tientsin, China.....c
WVU	Manilia, P. I.	c	WYZ	General Richard Arnold.....b
WVZ	Fort Mills, P. I.	c	WZA	Captain T. M. Morrison.....b
WWO	Cleveland, Ohio	c	WZAA	Fort Screven, Ga.....c
WWQ	Bellefonte, Pa.	c	WZAB	Boston, Mass.....c
WWU	Newark, N. J.	c	WZAC	Fort Wood, N. Y.....c
WWV	Washington, D. C.	c	WZAD	Fort Howard, Md.....c
WWX	Washington, D. C.	c	WZAE	Fort McPherson, Ga.....c
WWY	Slocum	b	WZAF	Fort Benjamin Harrison, Ind.....c
WXA	Buford	b	WZAG	Fort Sheridan, Ill.....c
WXB	Crook	b	WZAH	Fort Omaha, Nebr.....c
WXC	Dix	b	WZAB	Fort Mason, Calif.....c
WXE	Liscum	b	WZB	Fort Howard, Md.....c
WXF	Logan	b	WZC	Fort Whittman, Wash.....c
WXG	Fort Washington, Md.	c	WZD	Fort Barrancas, Fla.....c
WXI	Merritt	b	WZE	Fort Harrison, N. H.....c
WXJ	Sheridan	b	WZF	Fort Moultrie, S. C.....c
WXK	Sherman	b	WZH	Port Eads, La.....c
WXL	Iditarod, Alaska	c	WZI	Shanghai, China.....c
WXM	Thomas	b	WZJ	Fort Casey, Wash.....c
WXN	Warren	b	WZK	Fort Dade, Fla.....c
WXO	Craig, Alaska	c	WZN	Fort Du Pont, Del.....c
WXP	Fort Travis, Tex.	c	WZO	Fort Bliss, Tex.....c
WXQ	Fort St. Philip, La.	c	WZP	Fort Huachuca, Ariz.....c
WXR	Burnside	b	WZQ	General Timothy Pickering.....b
WXT	Joseph Henry	b	WZR	General Nathaniel Greene.....b
WXU	Navesink	b	WZS	Henry Wilson.....b
WXV	McGrath, Alaska	c	WZT	General George H. Weeks.....b
WXW	General John M. Schofield	b	WZU	Sprigg Carroll.....b
WXX	Fort Yukon, Alaska	c	WZV	General J. M. Brannan.....b
WXY	Washington, D. C.	c	WZW	General R. N. Batchelder.....b
WXZ	Fort Story, Va.	c	WZX	General Mifflin.....b
WYA	General Royal T. Frank	b	WZY	Major Guy Howard.....b
WYB	General S. M. Mills	b	WZZ	San Pedro.....b

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[Additions to the List of Radio Stations of the United States, edition of June 15, 1919, only.]

Station.	Call signal.	Wave lengths.	Station controlled by—
Agricultural College, Miss.	5YD	200, 375	Mississippi Agricultural & Mechanical College.
Agricultural College, N. Dak.	9YG	200, 375	North Dakota Agricultural College.
Alderson, W. Va.	8YF	200, 375	Camp Greenbrier.
Alexandria, La.	5ZD	200, 375	Frank B. Buehler.
Alliance, Ohio	8YT	200, 375	Mount Union College.
Ames, Iowa	9YI	250, 425	Iowa State College.
Ann Arbor, Mich	8XA	Variable.	University of Michigan.
Anthony, Kans.	9ZAC	200, 375	Perry E. Thurman.
Asheville, N. C.	4ZD	200, 375	Piedmont Electric Co.
Ashtabula, Ohio	8ZN	200, 375	J. W. Kauffman.
Atlanta, Ga.	4XC	200, 375	B. W. Benning.
Atlanta, Ga.	4YA	200, 375	Georgia School of Technology.
Atlanta, Ga.	4YJ	200, 375	Knights of Columbus School.
Atlanta, Ga.	4ZB	200, 375	Georgia Railway & Power Co.
Auburn, Ala.	5XA	200, 375, 425	Alabama Polytechnic Institute.
Auburn, N. Y.	8YA	200, 375	Colby's Telegraph School.
Austin, Tex.	5ZAG	200, 375	George E. Endress.
Austin, Tex.	5ZU	200, 375	Wesley H. Tilley.
Avalon, Calif.	6XAD	Variable.	Lawrence Mott.
Bala, Pa.	3ZA	300, 325	Charles A. Service, jr.
Baltimore, Md.	3XD	Variable.	Johns Hopkins University.
Baltimore, Md.	3XG	Variable.	Young Men's Christian Association.
Baltimore, Md.	3YH	200, 300, 600	Southern Wireless Institute.
Baltimore, Md.	3ZU	200, 300, 375, 600	Wilmer L. Barrow.
Baton Rouge, La.	5ZAC	200, 300, 375, 600	Battle Creek High School.
Battle Creek, Mich.	8YN	200, 375	Bert E. Clough.
Battle Creek, Mich.	8ZC	200, 375	John A. Gjelhaug.
Baudette, Minn.	9ZC	200, 375	Winfred E. Slauson.
Bear Creek, Mont.	7ZG	200, 375	Bedford Light, Heat & Power Co.
Bedford, Iowa	9XAJ	200, 375, 425	International Radio Telegraph Co.
Belfast, Me.	1XR	300, 400, 600, 1700	Chas. B. Harrison.
Belleville, Ill.	9XX	200, 375	Bernard F. McNamee.
Berkeley, Calif.	6XK	Variable.	University of California.
Berkeley, Calif.	6XM	Variable.	John V. Purcell.
Bethesda, Md.	3ZF	200, 375	Hubert S. Ogden.
Biloxi, Miss.	5ZAH	200, 300, 375, 600	Virginia Polytechnic Institute.
Blacksburg, Va.	3XN	Variable.	Schonwald Bros.
Blackwell, Okla.	5ZZ	200, 375	Indiana University.
Bloomington, Ind.	9YAG	200, 375	Illinois Wesleyan University.
Bloomington, Ill.	9YS	200, 375	Independent School District of Boise City.
Boise, Idaho	7YA	200, 375	Eastern Radio Institute.
Boston, Mass.	1YC	200, 375	Massachusetts Radio & Training School.
Boston, Mass.	1YS	300, 425, 600	Montana State College.
Boston, Mass.	7XB	Variable.	R. Earl Dawes.
Bozeman, Mont.	7ZD	200, 375	Lowenstein Radio Co.
Brooklyn, N. Y.	2XT	Variable.	William B. Short.
Buena Vista, Ga.	4XE	200, 375	Independent Wireless Teleg. Co.
Buffalo, N. Y.	8YQ	200, 300, 375, 600	Cyrus H. Fraser.
Buffalo, N. Y.	8ZM	200, 375	Burley High School.
Burley, Idaho	7YF	200, 375	Hall Beringer.
Burlingame, Calif.	6ZR	200, 300, 375, 600	Tropical Radio Teleg. Co.
Burrwood, La.	5XE	Variable.	Clapp-Eastham Co.
Cambridge, Mass.	1XAB	Variable.	Harvard University.
Cambridge, Mass.	1XJ	300, 600, 5000, 10000	Massachusetts Institute of Technology.
Cambridge, Mass.	1XM	Variable.	Federal Institute of Radio Telegraphy.
Camden, N. J.	3YQ	200, 300, 375, 600	Knights of Columbus.
Camp Dix, N. J.	2YA	200, 375	Henry L. Ley.
Canton, Ohio	8ZV	200, 375	Norman R. Hood.
Casper, Wyo.	7ZO	200, 375	F. M. Laxton.
Charlotte, N. C.	4XD	200, 375	Austin A. Howard.
Chicago, Ill.	9XG	Variable.	

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Station controlled by—
Chicago, Ill.....	9YE	200, 300, 375, 600	Tilden Technical High School.
Chicago, Ill.....	9YL	200, 300, 375, 600	Armour Institute of Technology.
Chicago, Ill.....	9ZN	200, 300, 375, 600	Ralph H. G. Mathews.
Cincinnati, Ohio.....	8XB	200, 375	Precision Equipment Co.
Cincinnati, Ohio.....	8XY	200, 375, 500	Cino Radio Mfg. Co.
Cincinnati, Ohio.....	8YS	200, 375	University of Cincinnati.
Cincinnati, Ohio.....	8YX	200, 375	University of Cincinnati.
Cincinnati, Ohio.....	8ZH	200, 375	East High School.
Cincinnati, Ohio.....	8ZJ	200, 375	Hughes High School.
Clarinda, Iowa.....	9ZAA	200, 375	Farmers Mutual Telephone Co.
Cleveland, Ohio.....	8XV	250, 300, 600	Frederick S. McCullough.
Cleveland, Ohio.....	8ZP	200, 300, 375, 600	Edward I. Deligan.
Cliffwood, N. J.....	2XF	350, 450	Western Electric Co.
Clifton, N. J.....	2ZM	200, 325, 425	Lester Spangenburg.
Clinton, Md.....	3XE	200, 300, 425	W. W. Conners.
Cochise, Ariz.....	6ZC	200, 375	Dr. J. B. Ellis.
Collegeville, Minn.....	9XT	200, 375	St. Johns University.
College Station, Tex.....	5XB	300, 500, 600	Agricultural & Mechanical College of Texas. Do.
College Station, Tex.....	5YF	200, 375	University of Missouri.
Columbia, Mo.....	9YM	200, 375	Ohio State University.
Columbus, Ohio.....	8XI	200, 375	Oregon Agricultural College.
Corvallis, Oreg.....	7YJ	200, 375	Culver Military Academy.
Culver, Ind.....	9YQ	200, 375	Frank M. Corlett.
Dallas, Tex.....	5XG	Variable.	Bennett Emerson, sr.
Dallas, Tex.....	5ZC	200, 425	William H. Kirwan.
Dallas, Tex.....	5ZG	200, 375	Young Men's Christian Association.
Davenport, Iowa.....	9XE	200, 375	Western Electric Co.
Dayton, Ohio.....	8YU	200, 375	Henry Ford.
Deal Beach, N. J.....	2XJ	300, 600	K. A. Duerk.
Dearborn, Mich.....	8XD	200–600	Ohio Wesleyan University.
Defiance, Ohio.....	8ZY	200, 375	Harry H. Buckwalter.
Delaware, Ohio.....	8YK	200, 375	Edward C. Stockman.
Denver, Colo.....	9XAG	200, 375	Cass Technical High School.
Denver, Colo.....	9ZD	200, 375	Do.
Detroit, Mich.....	8YE	200, 300, 375, 600	George W. Carter.
Detroit, Mich.....	8YJ	200, 300, 375, 600	Harry L. Gooding.
Douglas, Ariz.....	6ZZ	200, 375	Harry S. Weber.
Dover, Ohio.....	8ZX	200, 375	Guy W. Neel.
Dublin, Tex.....	5XJ	Variable.	Roy C. Ehrhardt.
Dunmore, Pa.....	8ZQ	200, 375	Ed. Nettleton.
Eagle Pass, Tex.....	5ZN	200, 375	Michigan Agricultural College.
East Lansing, Mich.....	8YG	200, 375	Lafayette College.
Easton, Pa.....	3YO	200, 375	Harold P. Sheard.
Elk, Wyo.....	7ZE	200, 375	H. J. Goddard and E. S. Leavenworth.
Ellendale, N. Dak.....	9ZX	200, 375	A. LeRoy Hill.
El Paso, Tex.....	5ZAD	200, 375	College of Emporia.
Emporia, Kans.....	9YAA	200, 375	University of Oregon.
Eugene, Oreg.....	7YB	200, 300, 375, 600	Evanston High School.
Evanston, Ill.....	9YH	200, 375	Ideal Apparatus Co.
Evansville, Ind.....	9XAH	200, 250, 375	Harry M. Ryder.
Forest Hills, Pa.....	8XZ	150, 200, 400	Otis A. Gulledge.
Fort Pierce, Fla.....	4ZN	200, 300, 375, 600	Paul E. Greenlaw.
Franklinton, La.....	5ZK	200, 425	Lloyd E. Martin.
Fresno, Calif.....	6ZU	200, 375	University of Florida.
Gainesville, Fla.....	4ZC	200, 375	Lombard College.
Galesburg, Ill.....	9XW	200, 375	Western Electric Co.
Glenridge, N. J.....	2XV	300, 400, 500, 600	Colorado School of Mines.
Golden, Colo.....	9XAI	200, 375	Richard H. Howe.
Granville, Ohio.....	8YM	200, 375	Western Electric Co.
Green Harbor, Mass.....	1XD	300, 325, 425, 600	James R. Wikle.
Greensboro, N. C.....	4ZA	250	Colorado State Normal School.
Gunnison, Colo.....	9YAH	200, 375	Roy C. Corderman.
Hagerstown, Md.....	3ZI	200, 375	DeLancey Felch & Co.
Hampton, N. H.....	1XY	200, 250, 300, 400, 425, 600	Dartmouth College.
Hanover, N. H.....	1YB	200, 300, 375, 600	C. D. Tuska Co.
Hartford, Conn.....	1XV	200, 300, 375, 425, 600	Clyde E. Darr.
Highland Park, Mich.....	8ZZ	200, 375	Francis L. Pullen.
Houma, La.....	5ZAB	200, 375	

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Station controlled by—
Houston, Tex.	5YI	200, 375	Rice Institute.
Houston, Tex.	5ZAA	200, 375	Francis M. Austin.
Houston, Tex.	5ZE	200, 375	B. J. Still.
Houston, Tex.	5ZO	200, 300, 375, 425, 600	Clifford W. Vick.
Houston, Tex.	5ZT	200, 260, 375, 600	Ingham S. Roberts III.
Houston, Tex.	5ZV	200, 275, 375	Hallet E. Worthington.
Houston, Tex.	5ZX	200, 375	Alfred P. Daniel.
Independence, Mo.	9ZAD	200, 375	George S. Turner.
Independence, Mo.	9ZH	200, 375	Reorganized Church of Christ of Latter Day Saints.
Indianapolis, Ind.	9ZJ	200, 375	Francis F. Hamilton.
Ithaca, N. Y.	8XU	Variable.	Cornell University.
Jackson, Tenn.	5YB	200, 375	Young Men's Christian Association.
Jersey City, N. J.	2XAD	300, 350, 600	Ship Owners Radio Service.
Julif, Tex.	5ZW	200, 375	Donald H. Graham.
Kansas City, Mo.	9XAB	200, 375	McCreary Radio Supply Co.
Kansas City, Mo.	9ZZ	200, 375	Walter M. Aronson and Albert R. Perkins.
Kearney, Nebr.	9ZAB	200, 375	S. L. Keller.
Knoxville, Tenn.	5XK	Variable.	Philip Stout.
Lacey, Wash.	7YS	200, 375	St. Martin's College.
LaCrosse, Wis.	9ZY	200, 375	Ben A. Ott.
"Lancaster" (tugboat)	2XW	300, 350, 600	Pennsylvania R. R. Co.
Lansing, Mich.	8XS	200, 375	Wilcox Laboratories.
Lansing, Mich.	8ZF	200, 375	Maurice H. Pancost.
Le Mars, Iowa	9YAE	200, 375	Western Union College.
Lewisburg, Pa.	8XJ	Variable.	Bucknell University.
Lexington, Ky.	9YC	200, 375	University of Kentucky.
Lexington, Ky.	9YAI	200, 375	Transylvania University.
Lexington, Va.	3YK	200, 375	Virginia Military Institute.
Lexington, Va.	3ZK	200, 375	Harry M. Quisenberry.
Lihue, Hawaii	6ZAC	200, 375	Clifford J. Dow.
Lincoln, Nebr.	9YY	200, 375	University of Nebraska.
Little Rock, Ark.	5YH	200, 375	U. S. Signal Corps.
Little Rock, Ark.	5ZL	200, 300, 375	John M. Clayton.
Los Altos, Calif.	6XAC	Variable.	Colin B. Kennedy Co.
Los Angeles, Calif.	6XD	250, 300, 550, 600	Western Radio Electric Co.
Los Angeles, Calif.	6XN	Variable.	Arno A. Kluge.
Los Angeles, Calif.	6XQ	200, 300, 375, 600, 1600	Southern California Edison Co.
Los Angeles, Calif.	6YA	200, 300, 375, 600	Young Men's Christian Association.
Los Angeles, Calif.	6ZG	200, 300, 375, 600	Forbes W. Van Why.
Lynn, Mass.	IXL	Variable.	General Electric Co.
Madison, Wis.	9XM	Variable.	University of Wisconsin.
Manhattan, Kans.	9YV	200, 375	Kansas State Agricultural College.
Manitowoc, Wis.	9ZL	200, 375	H. J. Burhop.
Manlius, N. Y.	8YB	200, 375, 1200	St. John's School.
Mansfield, Ohio	8ZR	200, 300, 375, 600	Radio Club of Mansfield.
Marietta, Ohio	8ZE	200, 375	Norman A. Thomas & Edward Manley.
Marietta, Ohio	8ZT	200, 375	George M. Withington, Jr.
Marion, Mass.	1ZE	200, 250, 375	Irving Vermilyea.
Medford, Mass.	1XE	Variable.	American Radio & Research Corp.
Media, Pa.	3ZM	200, 300, 400, 600	Simon Deltert, Jr.
Memphis, Tenn.	5XL	200, 325	William B. Stieg.
Mesilla Park, N. Mex.	5ZJ	200, 375	R. W. Goddard.
Middletown, Conn.	1XN	Variable.	Walter G. Cady.
Milwaukee, Wis.	9YAD	200, 300, 375, 600	School of Engineering of Milwaukee.
Minneapolis, Minn.	9XI	Variable.	University of Minnesota.
Minneapolis, Minn.	9ZT	200, 375	Minnesota Wireless Association.
Montclair, N. J.	2XS	200, 275, 325, 425	Adams Morgan Co.
Morgantown, W. Va.	8YH	200, 375	West Virginia University.
Moscow, Idaho	7ZM	200, 375	Jack Woodworth.
Mulga, Ala.	5ZY	200, 375	Thomas D. Sewell.
Muncie, Ind.	9YR	200, 375	Muncie Technical High School.
Napa, Calif.	6ZAD	200, 375	J. J. Maher, Jr.
New Braunfels, Tex.	5YK	200, 375	Edgar A. Sahm.
New Haven, Conn.	1XH	Variable.	Yale University.
New Haven, Conn.	1ZC	300, 600, 2100	A. C. Gilbert Co.
New Orleans, La.	5XH	Variable.	Tropical Radio Telegraph Co.
New Orleans, La.	5YC	200, 375	Nola Radio School.
New Orleans, La.	5YJ	200, 240, 300, 375, 600	Knights of Columbus.*
New Orleans, La.	5ZP	200, 250	Herbert E. DeBen.

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Station controlled by—
New Philadelphia, Ohio.....	8ZA	200, 375	Charles J. Murray.
New Rochelle, N. Y.....	2ZK	200, 350, 425	George C. Cannon.
New York, N. Y.....	2XAF	Variable.	International Radio Telegraph Co.
New York, N. Y.....	2XAG	Variable.	Ware Radio Co.
New York, N. Y.....	2XB	Variable.	Western Electric Co.
New York, N. Y.....	2XC	Variable.	Ware Radio Co.
New York, N. Y.....	2XD	Variable.	Ware Radio Co.
New York, N. Y.....	2XG	Variable.	De Forest Radio Telephone & Telegraph Co.
New York, N. Y.....	2XX	Variable.	Superadio Corp.
New York, N. Y.....	2XXN	Variable.	College of the City of New York.
New York, N. Y.....	2XXNA	300, 350, 600	City College Radio Club.
New York, N. Y.....	2XXNB	200, 325, 600	Townsend Harris Hall Radio Club.
New York, N. Y.....	2XO	200, 300, 600, 800	Walter G. Hudson.
New York, N. Y.....	2XU	Variable.	Samuel E. Adair.
New York, N. Y.....	2YZ	Variable.	Fordham University.
New York, N. Y.....	2YB	200, 300, 375, 600	B. B. Brownlee.
New York, N. Y.....	2YM	Variable.	East Side Young Men's Christian Association.
New York, N. Y.....	2YT	250, 300, 600	Marconi Institute.
Noroton Heights, Conn.....	1XAA	Variable.	Percival E. Fansler.
Norristown, Pa.....	3ZV	200, 375	Samuel W. Place.
Northfield, Minn.....	9YAJ	200, 375	St. Olaf College.
Northville, Mich.....	8XL	200, 300, 375, 600	Henry Ford.
Nutley, N. J.....	2ZH	200, 300, 325, 600	Arthur A. Hebert.
Oakland, Calif.....	6XAF	Variable.	Pacific Telephone & Telegraph Co.
Oakland, Calif.....	6XX	Variable.	St. Mary's College.
Oakland, Calif.....	6ZAE	200, 375	Chris F. Eiferle.
Olympia, Wash.....	7ZP	200, 375	Edwin W. Wilson.
Omaha, Nebr.....	9XAA	200, 375	Cramer & Swain.
Omaha, Nebr.....	9YP	200, 375	High School of Commerce.
Ossining, N. Y.....	2XX	Variable.	DeForest Radio Telephone & Telegraph Co.
Ottumwa, Iowa.....	9XAD	200, 375	William W. Harper.
Oxford, Ohio.....	8YR	200, 375	Miami University.
Palo Alto, Calif.....	6XV	Variable.	Federal Telegraph Co.
Parkersburg, Pa.....	3ZO	400	Horace A. Beale, Jr.
Pembina, N. Dak.....	9YAF	200, 375	Pembina High School.
Peoria, Ill.....	9XAF	200, 375	Bradley Institute.
Philadelphia, Pa.....	3XC	300, 425, 600	Frank B. Chambers.
Philadelphia, Pa.....	3XI	300, 425, 600	Lester R. Damon.
Philadelphia, Pa.....	3XJ	200, 300, 425, 600	St. Joseph's College.
Philadelphia, Pa.....	3XS	200, 300, 600, 2500	George W. Carns.
Philadelphia, Pa.....	3XV	Variable.	Thomas Appleby.
Philadelphia, Pa.....	3YC	200, 300, 375, 600	North East High School.
Philadelphia, Pa.....	3YF	200, 300, 375, 600	Pennsylvania-Marconi Wireless School.
Philadelphia, Pa.....	3YG	200, 300, 375, 600, 2000, 2700	Philadelphia School of Wireless Telegraphy.
Philadelphia, Pa.....	3YI	200, 250	Knights of Columbus School.
Philadelphia, Pa.....	3ZG	200, 300, 375, 600	Allyn E. Seuffert.
Philadelphia, Pa.....	3ZJ	200, 300, 425, 600	Maj. J. H. Clinton.
Philadelphia, Pa.....	3ZQ	200, 300, 375, 600	Stanley C. Bryce.
Pilot Point, Tex.....	5ZB	200, 375	Clyde S. Mosteller.
Pittsburgh, Pa.....	8XH	200, 375, 425	Parker E. Wiggin.
Pittsburgh, Pa.....	8XK	Variable.	Frank Conrad.
Pittsburgh, Pa.....	8XM	200, 350	Phillips Thomas.
Pittsburgh, Pa.....	8XN	Variable.	Carnegie Institute of Technology Radio Club.
Pittsburgh, Pa.....	8YI	200, 375	University of Pittsburgh.
Pittsburgh, Pa.....	8YZ	200, 375	Peabody High School.
Pittsburgh, Pa.....	8ZD	200, 375	Burton P. Williams.
Pittsburgh, Pa.....	8ZO	200, 250	Frank Moore, Jr.
Polytechnic, Mont.....	7XD	250, 350	Billings Polytechnic Institute.
Port Chester, N. Y.....	2ZE	100, 150, 200, 300, 375, 600	Paul F. Godley.
Portland, Oreg.....	7XA	Variable.	Radio Corporation of America.
Portland, Oreg.....	7XF	Variable.	Northwestern Radio Mfg. Co.
Portland, Oreg.....	7YG	200, 300, 375, 600	Young Men's Christian Association.
Portland, Oreg.....	7YH	200, 375	Washington High School.
Portland, Oreg.....	6YK	200, 300, 375, 600	Benson Polytechnic School.
Portland, Oreg.....	7ZB	200, 375	William A. Leidigh, jr.

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Station controlled by—
Portland, Oreg.	7ZI	200, 300, 375, 600	Charles L. Austin.
Port Richmond, N. Y.	2XAA	Variable.	Radio Corporation of America.
Princeton, N. J.	3XM	200, 375	David Richardson.
Princeton, N. J.	3XU	Variable.	Walter V. Roberts.
Providence, R. I.	1XF	Variable.	Electrical Products Mfg. Co.
Providence, R. I.	1XX	Variable.	Brown University.
Rapid City, S. Dak.	9YW	200, 375	South Dakota State School of Mines.
Redlands, Calif.	6ZJ	200, 375	Arthur L. Munzig.
Reno, Nev.	6ZQ	200, 375	Hadley S. Beedle.
Richfield, Utah.	6ZH	200, 375	Wesley C. Thompson.
Richmond, Ind.	9ZAE	200, 375	Palladium Printing Co.
Richmond, Va.	3ZL	200, 300	Clay D. Blair.
Richmond, Va.	3ZP	200, 375	Ralph R. Chappell.
Richmond Hill, N. Y.	2XE	300, 600, 2500, 2800	A. H. Grebe & Co.
Richmond Hill, N. Y.	2ZV	200, 275, 300, 600	Do.
Ridgway, Pa.	8XO	200, 325, 375	Pittsburgh Wireless Equipment Co.
Rochester, N. Y.	8ZK	200, 375	Alexander M. Lindsay, Jr.
Rock Island, Ill.	9XAC	Variable.	Karlena Radio Corp.
Rockland, Me.	1XQ	300, 400, 600, 1700	International Radio Telegraph Co.
Roselle Park, N. J.	2XR	Variable.	Radio Corporation of America.
Rowell, N. Mex.	5ZA	200, 275	Louis Falconi.
Salem, Ohio.	8ZG	200, 375	A. J. Manning.
Salt Lake City, Utah.	6ZA	200, 300, 375	Ira J. Kaar.
Salt Lake City, Utah.	6ZM	200, 375	The Desert News.
Salt Lake City, Utah.	6ZT	200, 375	Art Johnson.
San Antonio, Tex.	5XP	Variable.	E. M. Baker.
San Antonio, Tex.	5ZAE	200, 375	Leavell D. Wall.
San Antonio, Tex.	5ZAI	200, 375	R. C. Walker.
San Antonio, Tex.	5ZR	200, 375	John C. Rodriguez.
San Diego, Calif.	6XZ	200, 300, 375, 600	R. O. Shelton, M. D.
San Diego, Calif.	6ZB	200, 300, 375, 600	Dr. Alfred E. Banks.
Sanford, Fla.	5ZH	200, 375	Clarence M. Wickes.
San Fernando, Calif.	6ZN	200, 300, 375, 600	B. H. Dennis & C. A. Taylor.
San Francisco, Calif.	6XAA	Variable.	Pacific Telephone & Telegraph Co.
San Francisco, Calif.	6XAB	Variable.	Colin B. Kennedy Co.
San Francisco, Calif.	6XAE	Variable.	The Radio Telephone Shop.
San Francisco, Calif.	6XC	Variable.	Leeds Forest (Inc.).
San Francisco, Calif.	6XG	Variable.	Leo J. Meyberg Co.
San Francisco, Calif.	6XJ	Variable.	Otis B. Moorhead.
San Francisco, Calif.	6XP	Variable.	Moorhead Laboratories (Inc.).
San Francisco, Calif.	6XT	Variable.	Baruch Research Laboratories.
San Francisco, Calif.	6ZAB	200, 375	S. Peterson and Hal Shaw.
San Francisco, Calif.	6ZE	75, 200, 300, 375, 600	D. B. McGown.
San Gabriel, Calif.	6XS	200, 300, 375, 600, 1800	R. B. Ashbrook.
San Jose, Calif. (portable)	6XE	Variable.	Charles D. Herrold.
San Jose, Calif.	6XF	Variable.	Do.
San Jose, Calif.	6ZAA	200, 375	E. Garratt Arnold.
Savannah, Ga.	4XB	200, 300, 375, 600, 1850	Board of Public Education.
Savannah, Ga.	4YB	200, 300, 375, 600	Knights of Columbus.
Schenectady, N. Y.	2XA	Variable.	E. M. Kinney.
Schenectady, N. Y.	2XI	Variable.	General Electric Co.
Schenectady, N. Y.	2XQ	Variable.	Union College.
Schenectady, N. Y.	2XY	Variable.	Wallace L. Brooks.
Seattle, Wash.	7XC	Variable.	Vincent I. Kraft.
Seattle, Wash.	7XJ	Variable.	Charles W. Peterson.
Seattle, Wash.	7XK	Variable.	Kilbourne & Clark Mfg. Co.
Seattle, Wash.	7ZX	Variable.	University of Washington.
Seattle, Wash.	7YC	200, 300, 375, 600	Young Men's Christian Association.
Seattle, Wash.	7YD	200, 300, 375, 600	Knights of Columbus.
Seattle, Wash.	7YE	200, 300, 375, 600	Broadway High School.
Shreveport, La.	5ZS	210, 300, 425	William E. Antony.
Sioux City, Iowa	9ZU	200, 375	Sioux City Radio Laboratory.
Sisco No. 4 (tugboat).	2XAB	Variable.	Radio Corporation of America.
South Manchester, Conn.	1XT	200, 300, 375, 600	John L. Reinartz.
South Orange, N. J.	2ZC	200, 300, 375, 600	Henry L. Leeb.

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Station controlled by—
South San Antonio, Tex.....	5XI	Variable.	George H. Burgess.
Spokane, Wash.....	7YL	200, 375	North Central High School.
Springfield, Ill.....	9ZS	1700	Illinois Watch Co.
Springfield, Ohio.....	8ZAA	200, 375	J. Warren Wright.
State College, N. Mex.....	5XD	200, 400, 500	New Mexico College, Agriculture and Mechanics Arts.
State College, Pa.....	8XE	Variable.	Pennsylvania State College.
Staunton, Va.....	3YE	425	Staunton Military Academy.
St. David's, Pa.....	3ZS	200, 275, 300, 325, 375, 600	Charles H. Stewart.
St. Louis, Mo.....	9XS	275, 425	Manhattan Electrical Supply Co.
St. Louis, Mo.....	9YAB	200, 375	Washington University.
St. Louis, Mo.....	9YK	200, 375	St. Louis University.
St. Louis, Mo.....	9ZB	200, 375	Lester A. Benson.
St. Louis, Mo.....	9ZV	200, 375	James A. Crowdus.
St. Marys, Ohio.....	8ZL	200, 250, 375	Charles Candler.
Sunnyvale, Calif.....	6XAG	Variable.	The Radio Shop.
Sunnyvale, Calif.....	6ZK	200, 300, 375, 600	Arthur E. Bessey.
Superior, Wis.....	9YAC	200, 300, 375, 600	State Normal School.
Tacoma, Wash.....	7ZL	200, 300, 375, 600	Anton R. Tingstad.
Thibodaux, La.....	5YL	200, 375	Thibodaux High School.
Toledo, Ohio.....	8ZB	200, 300, 375, 600	Earl S. Ensign and William P. Van Behren.
Toledo, Ohio.....	8ZI	200, 375	Adelbert J. Gogel.
University, Va.....	3YY	200, 375	University of Virginia.
University Place, Nebr.....	9YD	200, 375	Nebraska Wesleyan University.
University, Miss.....	5YE	200, 375	University of Mississippi.
Urbana, Ill.....	9XJ	200, 375	University of Illinois.
Urbana, Ill.....	9XZ	200, 375	Paul G. Busey.
Valley Stream, N. Y.....	2ZL	200, 250, 275, 325	J. Owen Smith.
Valparaiso, Ind.....	9XD	Variable.	Dodge's Institute of Telegraphy.
Vancouver, Wash.....	7ZK	200, 300, 375, 600	Vernon J. Bird.
Villanova, Pa.....	3YP	200, 375	Villanova College.
Waco, Tex.....	5ZAF	200, 375	William P. Clarke.
Waco, Tex.....	5ZF	200, 375	Henry M. Harris.
Walnut Grove, Calif.....	6ZX	200, 375	J. V. Wise.
Washington, D. C.....	3XF	Variable.	Francis M. Baer.
Washington, D. C.....	3XH	Variable.	Lester S. Barr.
Washington, D. C.....	3XL	180, 200, 350, 1200	Alfred Crossley.
Washington, D. C.....	3XQ	Variable.	Robert H. Worrall.
Washington, D. C.....	3YA	200, 375	Loomis Radio School.
Washington, D. C.....	3YL	200	Knights of Columbus Service School.
Washington, D. C.....	3ZB	200, 375	A. B. Brown (Bliss Electrical School).
Washington, D. C.....	3ZE	150, 200, 375	Harold A. Snow.
Washington, D. C.....	3ZW	200, 350, 425	Walther A. Parks.
Wayne, Nebr.....	9YT	200, 375	State Normal School.
West Lafayette, Ind.....	9YB	200, 375	Purdue University.
Wheeling, W. Va.....	8ZW	200, 375	John C. Stroebel, Jr.
Whitford, Pa.....	3ZT	200, 375	George Thomas.
Wichita, Kans.....	9XAE	200, 375	Cosradic Co.
Wilkes-Barre, Pa.....	8ZS	200, 375	John H. Stenger, Jr.
Winfield, N. Y.....	2XP	Variable.	Louis G. Parent.
Woodmere, N. Y.....	2XH	200, 250, 300, 600	Cutting & Washington Radio Corp.
Woodside, N. Y.....	2XAC	Variable.	Ship Owners Radio Service.
Woodside, N. Y.....	2ZZ	190, 200, 260, 300, 350, 600	Do.
Worcester, Mass.....	1XZ	Variable.	Clark University.
Worcester, Mass.....	1YK	200, 375	Worcester Polytechnic Institute.
Yuma, Ariz.....	6ZL	200, 375	Alexander N. Marquis.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS.

Call signal.	District and station.	Call signal.	District and station.
1XAA	First district: Noroton Heights, Conn.	3XE	Third district—Continued. Clinton, Md.
1XB	Cambridge, Mass.	3XF	Washington, D. C.
1XD	Green Harbor, Mass.	3XG	Baltimore, Md.
1XE	Medford, Mass.	3XH	Washington, D. C.
1XF	Providence, R. I.	3XI	Philadelphia, Pa.
1XH	New Haven, Conn.	3XJ	Philadelphia, Pa.
1XJ	Cambridge, Mass.	3XL	Washington, D. C.
1XL	Lynn, Mass.	3XM	Princeton, N. J.
1XM	Cambridge, Mass.	3XN	Blacksburg, Va.
1XN	Middletown, Conn.	3XQ	Washington, D. C.
1XQ	Rockland, Me.	3XS	Philadelphia, Pa.
1XR	Belfast, Me.	3XU	Princeton, N. J.
1XT	South Manchester, Conn.	3XV	Philadelphia, Pa.
1XV	Hartford, Conn.	3YA	Washington, D. C.
1XX	Providence, R. I.	3YC	Philadelphia, Pa.
1XY	Hampton, N. H.	3YE	Staunton, Va.
1XZ	Worcester, Mass.	3YF	Philadelphia, Pa.
1YB	Hanover, N. H.	3YG	Philadelphia, Pa.
1YC	Boston, Mass.	3YH	Baltimore, Md.
1YK	Worcester, Mass.	3YI	Philadelphia, Pa.
1YS	Boston, Mass.	3YK	Lexington, Va.
1ZC	New Haven, Conn.	3YO	Washington, D. C.
1ZE	Marion, Mass.	3YP	Easton, Pa.
2XA	Second district: Schenectady, N. Y.	3YQ	Villanova, Pa.
2XAA	Port Richmond, N. Y.	3YV	Camden, N. J.
2XB	Sisco No. 4 (tugboat).	3ZA	University, Va.
2XAC	Woodside, N. Y.	3ZB	Bala, Pa.
2XAD	Jersey City, N. J.	3ZE	Washington, D. C.
2XAF	New York, N. Y.	3ZF	Washington, D. C.
2XAG	New York, N. Y.	3ZG	Bethesda, Md.
2XB	New York, N. Y.	3ZI	Philadelphia, Pa.
2XC	New York, N. Y.	3ZJ	Hagerstown, Md.
2XD	New York, N. Y.	3ZL	Philadelphia, Pa.
2XE	Richmond Hill, N. Y.	3ZM	Richmond, Va.
2XF	Cliffwood, N. J.	3ZO	Media, Pa.
2XG	New York, N. Y.	3ZP	Parkersburg, Pa.
2XH	Woodmere, N. Y.	3ZQ	Richmond, Va.
2XI	Schenectady, N. Y.	3ZS	Philadelphia, Pa.
2XJ	Deal Beach, N. J.	3ZT	St. Davids, Pa.
2XK	New York, N. Y.	3ZU	Whitford, Pa.
2XN	New York, N. Y.	3ZV	Baltimore, Md.
2XNA	New York, N. Y.	3ZW	Norristown, Pa.
2XNB	New York, N. Y.	3ZX	Washington, D. C.
2XO	New York, N. Y.	4XB	Lexington, Va.
2XP	Winfield, N. Y.	4XC	Fourth district: Savannah, Ga.
2XQ	Schenectady, N. Y.	4XD	Atlanta, Ga.
2XU	New York, N. Y.	4XE	Charlotte, N. C.
2XR	Roselle Park, N. J.	4YA	Buena Vista, Ga.
2XS	Montclair, N. J.	4YB	Atlanta, Ga.
2XT	Brooklyn, N. Y.	4YJ	Savannah, Ga.
2XV	Glenridge, N. J.	4ZA	Atlanta, Ga.
2XW	Lancaster (tugboat).	4ZB	Greensboro, N. C.
2XX	Ossining, N. Y.	4ZC	Atlanta, Ga.
2XY	Schenectady, N. Y.	4ZD	Gainesville, Fla.
2XZ	New York, N. Y.	4ZN	Asheville, N. C.
2YA	Camp Dix, N. J.	5XA	Fort Pierce, Fla.
2YB	New York, N. Y.	5XB	Fifth district: Auburn, Ala.
2YM	New York, N. Y.	5XD	College Station, Tex.
2YT	New York, N. Y.	5XE	State College, N. Mex.
2ZC	South Orange, N. J.	5XG	Burrwood, La.
2ZD	Woodside, N. Y.	5XH	Dallas, Tex.
2ZE	Port Chester, N. Y.	5XI	New Orleans, La.
2ZH	Nutley, N. J.	5XJ	South San Antonio, Tex.
2ZK	New Rochelle, N. Y.	5KK	Dublin, Tex.
2ZL	Valley Stream, N. Y.	5XL	Knoxville, Tenn.
2ZM	Clifton N. J.	5XP	Memphis, Tenn.
2ZV	Richmond Hill, N. Y.	5YB	San Antonio, Tex.
3XC	Philadelphia, Pa.	5YC	Jackson, Tenn.
3XD	Baltimore, Md.		New Orleans, La.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS—Continued.

Call signal.	District and station.	Call signal.	District and station.
	Fifth district—Continued.		Sixth district—Continued.
5YD	Agricultural College, Miss.	6ZN	San Fernando, Calif.
5YE	University, Miss.	6ZO	Reno, Nev.
5YF	College Station, Tex.	6ZR	Burlingame, Calif.
5YH	Little Rock, Ark.	6ZT	Salt Lake City, Utah.
5YI	Houston, Tex.	6ZU	Fresno, Calif.
5YJ	New Orleans, La.	6ZX	Walnut Grove, Calif.
5YK	New Braunfels, Tex.	6ZZ	Douglas, Ariz.
5YL	Thibodaux, La.		Seventh district:
5ZA	Roswell, N. Mex.	7XA	Portland, Oreg.
5ZAA	Houston, Tex.	7XB	Bozeman, Mont.
5ZAB	Houma, La.	7XC	Seattle, Wash.
5ZAC	Baton Rouge, La.	7XD	Polytechnic, Mont.
5ZAD	El Paso, Tex.	7XF	Portland, Oreg.
5ZAE	San Antonio, Tex.	7XJ	Seattle, Wash.
5ZAF	Waco, Tex.	7XK	Seattle, Wash.
5ZAG	Austin, Tex.	7XZ	Seattle, Wash.
5ZAH	Biloxi, Miss.	7YA	Boise, Idaho.
5ZAI	San Antonio, Tex.	7YB	Eugene, Oreg.
5ZB	Pilot Point, Tex.	7YC	Seattle, Wash.
5ZC	Dallas, Tex.	7YD	Seattle, Wash.
5ZD	Alexandria, La.	7YE	Seattle, Wash.
5ZE	Houston, Tex.	7YF	Burley, Idaho.
5ZF	Waco, Tex.	7YG	Portland, Oreg.
5ZG	Dallas, Tex.	7YH	Portland, Oreg.
5ZH	Sanford, Fla.	7YJ	Corvallis, Oreg.
5ZJ	Mesilla Park, N. Mex.	7YK	Portland, Oreg.
5ZK	Franklinton, La.	7YL	Spokane, Wash.
5ZL	Little Rock, Ark.	7YS	Lacey, Wash.
5ZN	Eagle Pass, Tex.	7ZB	Portland, Oreg.
5ZO	Houston, Tex.	7ZD	Bozeman, Mont.
5ZP	New Orleans, La.	7ZE	Elk, Wyo.
5ZR	San Antonio, Tex.	7ZG	Bear Creek, Mont.
5ZS	Shreveport, La.	7ZI	Portland, Oreg.
5ZT	Houston, Tex.	7ZK	Vancouver, Wash.
5ZU	Austin, Tex.	7ZL	Tacoma, Wash.
5ZV	Houston, Tex.	7ZM	Moscow, Idaho.
5ZW	Juliff, Tex.	7ZO	Gasper, Wyo.
5ZX	Houston, Tex.	7ZP	Olympia, Wash.
5ZY	Mulga, Ala.		Eighth district:
5ZZ	Blackwell, Okla.	8XA	Ann Arbor, Mich.
	Sixth district:	8XB	Cincinnati, Ohio.
6XAA	San Francisco, Calif.	8XD	Dearborn, Mich.
6XAB	San Francisco, Calif.	8XE	State College, Pa.
6XAC	Los Altos, Calif.	8YF	Alderson, W. Va.
6XAD	Avalon, Calif.	8XH	Pittsburgh, Pa.
6XAE	San Francisco, Calif.	8XI	Columbus, Ohio.
6XAF	Oakland, Calif.	8XJ	Lewisburg, Pa.
6XAG	Sunnyvale, Calif.	8XK	Pittsburgh, Pa.
6XC	San Francisco, Calif.	8XL	Northville, Mich.
6XD	Los Angeles, Calif.	8XM	Pittsburgh, Pa.
6XE	San Jose, Calif. (portable).	8XN	Pittsburgh, Pa.
6XF	San Jose, Calif.	8XO	Ridgway, Pa.
6XG	San Francisco, Calif.	8XS	Lansing, Mich.
6XJ	San Francisco, Calif.	8XU	Ithaca, N. Y.
6KK	Berkeley, Calif.	8XV	Cleveland, Ohio.
6XM	Berkeley, Calif.	8XY	Cincinnati, Ohio.
6XX	Los Angeles, Calif.	8XZ	Forest Hills, Pa.
6XN	Los Angeles, Calif.	8YA	Auburn, N. Y.
6XP	San Francisco, Calif.	8YB	Manlius, N. Y.
6XQ	Los Angeles, Calif.	8YE	Detroit, Mich.
6XS	San Gabriel, Calif.	8YG	East Lansing, Mich.
6XT	San Francisco, Calif.	8YH	Morgantown, W. Va.
6XV	Palo Alto, Calif.	8YI	Pittsburgh, Pa.
6XX	Oakland, Calif.	8YJ	Detroit, Mich.
6XZ	San Diego, Calif.	8YK	Delaware, Ohio.
6YA	Los Angeles, Calif.	8YM	Granville, Ohio.
6ZA	Salt Lake City, Utah.	8YN	Battle Creek, Mich.
6ZB	San Diego, Calif.	8YQ	Buffalo, N. Y.
6ZAB	San Francisco, Calif.	8YR	Oxford, Ohio.
6ZAC	Lihue, Hawaii.	8YS	Cincinnati, Ohio.
6ZAA	San Jose, Calif.	8YT	Alliance, Ohio.
6ZAD	Napa, Calif.	8YU	Dayton, Ohio.
6ZAE	Oakland, Calif.	8YX	Cincinnati, Ohio.
6ZC	Cochise, Ariz.	8YZ	Pittsburgh, Pa.
6ZE	San Francisco, Calif.	8ZA	New Philadelphia, Ohio.
6ZG	Los Angeles, Calif.	8ZB	Springfield, Ohio.
6ZH	Richfield, Utah.	8ZC	Toledo, Ohio.
6ZJ	Redlands, Calif.	8ZD	Battle Creek, Mich.
6ZK	Sunnyvale, Calif.	8ZE	Pittsburgh, Pa.
6ZL	Yuma, Ariz.		Marietta, Ohio.
	Salt Lake City, Utah.		

SPECIAL LAND STATIONS GROUPED BY DISTRICTS—Continued.

Call signal.	District and station.	Call signal.	District and station.
ZF	Eighth district—Continued. Lansing, Mich.	9YAD	Ninth district—Continued. Milwaukee, Wis.
ZG	Salem, Ohio.	9YAE	Le Mars, Iowa.
ZH	Cincinnati, Ohio.	9YAF	Pembina, N. Dak.
ZI	Toledo, Ohio.	9YAG	Bloomington, Ind.
ZZJ	Cincinnati, Ohio.	9YAH	Gunnison, Colo.
ZZK	Rochester, N. Y.	9YAI	Lexington, Ky.
ZZL	St. Marys, Ohio.	9YAJ	Northfield, Minn.
ZZM	Buffalo, N. Y.	9YB	West Lafayette, Ind.
ZZN	Ashland, Ohio.	9YC	Lexington, Ky.
ZZO	Pittsburgh, Pa.	9YD	University Place, Nebr.
ZZP	Cleveland, Ohio.	9YE	Chicago, Ill.
ZZQ	Dunmore, Pa.	9YG	Agricultural College, N. Dak.
ZZR	Mansfield, Ohio.	9YH	Evanston, Ill.
ZZS	Wilkes-Barre, Pa.	9YI	Ames, Iowa.
ZZT	Marietta, Ohio.	9YK	St. Louis, Mo.
ZZV	Canton, Ohio.	9YL	Chicago, Ill.
ZZW	Wheeling, W. Va.	9YM	Columbia, Mo.
ZZX	Dover, Ohio.	9YP	Omaha, Nebr.
ZZY	Defiance, Ohio.	9YQ	Culver, Ind.
ZZZ	Highland Park, Mich.	9YR	Muncie, Ind.
9XAA	Ninth district: Omaha, Nebr.	9YS	Bloomington, Ill.
9XAB	Kansas City, Mo.	9YT	Wayne, Nebr.
9XAC	Rock Island, Ill.	9YY	Manhattan, Kans.
9XAD	Ottumwa, Iowa.	9YW	Rapid City, S. Dak.
9XAE	Wichita, Kans.	9YY	Lincoln, Nebr.
9XAF	Peoria, Ill.	9ZAA	Clarinda, Iowa.
9XAG	Denver, Colo.	9ZAB	Kearney, Nebr.
9XAH	Evansville, Ind.	9ZAC	Anthony, Kans.
9XAI	Golden, Ohio.	9ZAD	Independence, Mo.
9XAJ	Bedford, Iowa.	9ZAE	Richmond, Ind.
9XD	Valparaiso, Ind.	9ZB	St. Louis, Mo.
9XE	Davenport, Iowa.	9ZC	Baudette, Minn.
9XG	Chicago, Ill.	9ZD	Denver, Colo.
9XI	Minneapolis, Minn.	9ZH	Independence, Mo.
9XJ	Urbana, Ill.	9ZJ	Indianapolis, Ind.
9XM	Madison, Wis.	9ZL	Manitowoc, Wis.
9XS	St. Louis, Mo.	9ZN	Chicago, Ill.
9XT	Collegeville, Minn.	9ZS	Springfield, Ill.
9XW	Galesburg, Ill.	9ZT	Minneapolis, Minn.
9XX	Belleview, Ill.	9ZU	Sioux City, Iowa.
9XZ	Urbana, Ill.	9ZV	St. Louis, Mo.
9YAA	Emporia, Kans.	9ZX	Ellendale, N. Dak.
9YAB	St. Louis, Mo.	9ZY	La Crosse, Wis.
9YAC	Superior, Wis.	9ZZ	Kansas City, Mo.

RADIO COMPASS STATION INSTRUCTIONS.

1. Radio compass stations have been installed on the Atlantic, Gulf, and Pacific coasts for the purpose of supplying vessels with radio bearings. These stations are divided into two classes—those operating independently and others operating as harbor entrance groups—under the control of a central station at the harbor entrance and furnish a set of bearings which provide the fix which will enable vessels to be guided to the entrance buoys. The independent stations have been located with a view of giving radio bearings to ships not over 150 miles distant from the coast and are used, primarily, in coastwise piloting. Harbor entrance radio compass stations differ from those acting independently, in that the individual stations are connected to and controlled by the central control station.

2. The primary object of these stations is to assist in the navigation of vessels during atmosphere of low visibility. There is no charge for the service.

3. All independent and group radio compass stations keep watch on 800 meters, and this wave only should be used to call and work these stations.

4. To obtain a bearing from independent radio compass stations, call the station from which the bearing is desired in the usual manner and request bearings by means of a conventional signal given below. Simultaneous bearings from two or more compass stations can be obtained by making the call include the other compass stations desired.

5. To obtain bearings from harbor-entrance compass stations, carry out the same procedure, with the exception that the compass control station will answer instead of the compass station.

6. When bearings are requested simultaneously from two or more compass stations the compass station which is farthest north will supply the ship with its bearing first; the others will then follow in the order of their north to south, or east to west, geographical location.

7. The following abbreviated signals will be used until further notice:

Signal.	Meaning.
QTE?	What is my true bearing?
QTE	Your true bearing is _____ degrees from _____ radio compass station.
QTF?	What is my position?
QTF	Your position is latitude _____, longitude _____.

(a) A ship calling the radio compass station or compass control station should make the abbreviation "QTE," "What is my bearing?" This request will be answered by the radio compass station or control station, and when ready to observe the radio bearing he will send the signal "K," directing the ship to commence testing.

(b) The ship station on 800 meters will repeat its distinguishing signal for a period of 50 seconds and then await results. The signal should be made slowly with the dashes considerably prolonged.

(c) The radio compass station or control station will then reply in geographical order from north to south or east to west, repeating the abbreviation "QTE," "Your bearing from _____ was _____ degrees," following by the time, the degrees being indicated by a group of three figures 000 to 359, indicating the true bearing in degrees from the ship station to the radio compass station. In the case of more than one

radio compass station connected by landline the only one to answer is the station originally called. This station in giving the results combines all the bearings taken by itself and associated stations into one message, each bearing following immediately the name of the station making the observation.

8. Attention is invited to the fact that when a single bearing is furnished there is a possibility of an error of approximately 180 degrees, as the operator at the compass station can not always determine on which side of his station the vessel lies. Certain radio compass stations, particularly those on islands or extended capes, are equipped to furnish two corrected true bearings for any observation. Such bearings when furnished vessels may differ considerably from 180 degrees from each other, and whichever bearing is suitable should be used. Navigators should, therefore, never attempt to correct a bearing furnished by a radio compass station by the application of the 180-degree correction, as such correction does not take into account the deviation at the compass station, which may be of different sign and unequal amount in opposite directions. The error introduced by the use of 180-degree correction may amount to as much as 30 degrees. Vessels receiving bearings requiring approximately 180-degree correction should request the reciprocal bearing from the radio compass station in case the same is not furnished.

9. Subject to the foregoing, bearings should be accurate within 2 degrees of an arc. When bearings from three or more compass stations are not over 2 degrees of an arc in error, but do not meet at a fixed point, the geometrical center of the triangle formed by the bearings can generally be taken as the approximate position of the vessel.

10. In order that the operation of shore radio compass stations may be checked up, it is requested that a brief report be forwarded to the Director Naval Communication, Navy Department, Washington, D. C., containing the following particulars: (a) Name of ship; (b) name of radio compass station; (c) date and G. M. T. at which radio bearing was taken; (d) bearing given by radio compass station; (e) estimated position of ship at above time and dates by methods other than radio; (f) the probable degree of accuracy of the estimated position; (g) weather conditions at above time; (h) remarks, if any; (i) signature of master or responsible navigating officer.

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RADIO COMPASS STATIONS ON ATLANTIC AND PACIFIC COASTS, ALPHABETICALLY BY NAMES OF STATIONS.

ATLANTIC COAST.

[Wave length of 800 meters for all compass stations.]

Station.	Call.	Position.
Amagansett, L. I., N. Y.	NBM	Lat. 40-57-52 N., long. 72-07-50 W.
Bar Harbor (Otter Cliffs), Me.	NBD	Lat. 44-18-36 N., long. 68-11-27 W.
Bethany Beach, Del.	NSD	Lat. 38-32-45 N., long. 75-03-22 W.
Burrwood, La.	NBX	Lat. 28-57-27 N., long. 89-23-10 W.
Cape Elizabeth (Portland), Me.	NAB	Lat. 43-33-59 N., long. 70-11-59 W.
Cape Hatteras, N. C.	NDW	Lat. 35-14-22 N., long. 75-31-42 W.
Cape Henlopen, Del.	NSD	Lat. 38-47-35 N., long. 75-05-26 W.
Cape Lookout, N. C.	NAN	Lat. 34-36-11 N., long. 76-32-18 W.
Cape May, N. J.	NSD	Lat. 38-55-53 N., long. 74-54-35 W.
Chatham, Mass.	NXA	Lat. 41-42-48 N., long. 69-57-53 W.
Deer Island, Mass.	NAD	Lat. 42-21-15 N., long. 70-57-30 W.
Fire Island, N. Y.	NAH	Lat. 40-38-07 N., long. 73-12-32 W.
Folly Island, S. C.	NZV	Lat. 32-40-50 N., long. 79-52-27 W.
Fourth Cliff, Mass.	NAD	Lat. 42-09-40 N., long. 70-42-22 W.
Gloucester, Mass.	NAD	Lat. 42-35-19 N., long. 70-41-08 W.
Grand Island, La.	NLI	Lat. 29-13-52 N., long. 89-59-46 W.
Hog Island, Va.	NCZ	Lat. 37-22-36 N., long. 75-42-37 W.
Jupiter, Fla.	NAQ	Lat. 26-56-59 N., long. 80-04-57 W.
Key West, Fla.	NAR	Lat. 24-33-08 N., long. 81-45-18 W.
Mantoloking, N. J.	NAH	Lat. 40-01-30 N., long. 74-03-10 W.
North Island, S. C.	NZW	Lat. 33-13-21 N., long. 79-11-06 W.
Pass A Loutre, La.	NBX	Lat. 29-11-24 N., long. 89-02-28 W.
Poynter Hill, N. C.	NCZ	Lat. 36-17-10 N., long. 75-48-00 W.
Prices Neck, R. I.	NAF	Lat. 41-27-06 N., long. 71-20-15 W.
Rockaway Beach, N. Y.	NBT	Lat. 40-33-58 N., long. 73-52-31 W.
Sandy Hook, N. J.	NAH	Lat. 40-27-54 N., long. 73-59-50 W.
Surfside (Nantucket), Mass.	NBS	Lat. 41-14-42 N., long. 70-05-56 W.
Virginia Beach, Va.	NCZ	Lat. 36-51-09 N., long. 75-58-34 W.

PACIFIC COAST.

Bird Island, Calif.	NLD	Lat. 37-49-25 N., long. 122-32-11 W.
Cape Hinchenbrook, Alaska.	NRM	Lat. 48-27-04 N., long. 122-57-45 W.
Cattle Point, Wash.	NFN	Lat. 43-23-03 N., long. 124-18-58 W.
Empire, Oreg.	NPF	Lat. 40-41-48 N., long. 124-16-34 W.
Eureka, Calif.	NPW	Lat. 37-41-55 N., long. 123-00-00 W.
Farallons Island, Calif.	NPI	Lat. 46-11-32 N., long. 123-59-15 W.
Fort Stevens, Oreg.	NPE	Lat. 32-35-14 N., long. 117-07-54 W.
Imperial Beach, Calif.	NPL	Lat. 48-10-36 N., long. 123-07-51 W.
New Dungeness, Wash.	NFT	Lat. 34-34-43 N., long. 120-38-51 W.
Ocean Park, Wash.	NPE	Lat. 33-42-19 N., long. 118-17-38 W.
Point Arguello, Calif.	NPK	Lat. 32-42-21 N., long. 117-15-17 W.
Point Fermin, Calif.	NPX	Lat. 37-32-10 N., long. 122-31-00 W.
Point Hueneme, Calif.	NMD	Lat. 38-02-30 N., long. 122-59-28 W.
Point Montara, Calif.	NLH	Lat. 48-19-05 N., long. 122-50-39 W.
Point Reyes, Calif.	NLG	Lat. 48-23-41 N., long. 124-44-13 W.
Port Angeles, Calif.	NFT	
Smith Island, Wash.	NFH	
Soapstone Point, Alaska.	NUW	
Tatoosh, Wash.	NPD	

RADIO COMPASS STATIONS ON ATLANTIC AND PACIFIC COASTS, ALPHABETICALLY BY CALL SIGNALS.

ATLANTIC COAST.

Call.	Station.	Call.	Station.
NAB	Cape Elizabeth (Portland), Me.	NBT	Rockaway Beach, N. Y.
NAD	Deer Island, Mass.	NBX	Pass A Loutre, La.
NAD	Fourth Cliff, Mass.	NBX	Burrwood, La.
NAD	Gloucester, Mass.	NCZ	Hog Island, Va.
NAF	Prices Neck, R. I.	NCZ	Poynters Hill, N. C.
NAH	Mantoloking, N. J.	NCZ	Virginia Beach, Va.
NAH	Sandy Hook, N. J.	NDW	Cape Hatteras, N. C.
NAH	Fire Island, N. Y.	NLI	Grand Island, La.
NAN	Cape Lookout, N. C.	NSD	Cape May, N. J.
NAQ	Jupiter, Fla.	NSD	Cape Henlopen, Del.
NAR	Key West, Fla.	NSD	Bethany Beach, Del.
NBD	Bar Harbor (Otter Cliffs), Me.	NXA	Chatham, Mass.
NBM	Amagansett, (Long Island), N. Y.	NZV	Folly Island, S. C.
NBS	Surfside (Nantucket), Mass.	NZW	North Island, S. C.

PACIFIC COAST.

NFH	Smith Island, Wash.	NPF	Empire, Oreg.
NFN	Cattle Point, Wash.	NPI	Farallons Island, Calif.
NFT	Port Angeles, Calif.	NPK	Point Arguello, Calif.
NFT	New Dungeness, Wash.	NPL	Imperial Beach, Calif.
NLD	Bird Island, Calif.	NPL	Point Hueneme, Calif.
NLG	Point Reyes, Calif.	NPW	Eureka, Calif.
NLH	Point Montara, Calif.	NPX	Point Fermin, Calif.
NPD	Tatoosh, Wash.	NRM	Cape Hinchinbrook, Alaska.
NPE	Ocean Park, Wash.	NUW	Soapstone Point, Alaska.
NPE	Fort Stevens, Oreg.		

APPENDIX.

INTERNATIONAL MORSE CODE AND CONVENTIONAL SIGNALS.

[To be used for all general public-service radio communication. (1) A dash is equal to three dots; (2) the space between parts of the same letter is equal to one dot; (3) the space between two letters is equal to three dots; (4) the space between two words is equal to five dots.]

A . --	Period.....	• • •
B - - - .	Semicolon.....	- - - - •
C - - - - .	Comma.....	- - - - -
D - - - - - .	Colon.....	- - - - - -
E .	Interrogation.....	• - - - -
F - - - - - - .	Exclamation point.....	- - - - - - -
G - - - - - - - .	Apostrophe.....	• - - - - - - -
H - - - - - - - - .	Hyphen.....	- - - - - - - -
I ..	Bar indicating fraction.....	- - - - - - - -
J . - - - -	Parenthesis.....	- - - - - - - -
K - - - - -	Inverted commas.....	• - - - - - - -
L - - - - - - .	Underline.....	• - - - - - - -
M - - - - - - - .	Double dash.....	- - - - - - - -
N - - - - - - - - .	Distress call.....	• - - - - - - - -
O - - - - - - - - - .	Attention call to precede every transmission.....	- - - - - - - - -
P - - - - - - - - - - .	General inquiry call.....	- - - - - - - - - -
Q - - - - - - - - - - - .	From (de).....	- - - - - - - - - -
R - - - - - - - - - - - - .	Invitation to transmit (go ahead).....	- - - - - - - - - -
S - - - - - - - - - - - - - .	Warning—high power.....	- - - - - - - - - -
T -	Question (please repeat after .....)—interrupting long messages.....	• - - - - - - - - -
U .. -	Wait.....	• - - - - - - -
V .. - -	Break (Bk.) (double dash).....	- - - - - - -
W - - - - -	Understand.....	• - - - -
X - - - - - - -	Error.....	• - - - -
Y - - - - - - - -	Received (O. K.).....	• - - -
Z - - - - - - - - -	Position report (to precede all position messages).....	- - - - -
Ä (German)	End of each message (cross).....	- - - - -
• - - - -	Transmission finished (end of work) (conclusion of correspondence).....	- - - - -
Å or Å (Spanish-Scandinavian)		
• - - - - -		
CH (German-Spanish)		
É (French)		
• - - - -		
Ñ (Spanish)		
• - - - - -		
Ö (German)		
• - - - - - -		
Ü (German)		
• - - - - - - -		

LIST OF ABBREVIATIONS TO BE USED IN RADIO COMMUNICATIONS.¹

Abbreviation.	Question.	Answer or notice.
C Q	— · — · — — —	Signal of inquiry made by a station desiring to communicate.
T R	— — · —	Signal announcing the sending of particulars concerning a station on shipboard (Art. X XII).
(I)	— — — · —	Signal indicating that a station is about to send at high power.
PRB	Do you wish to communicate by means of the International Signal Code?	I wish to communicate by means of the International Signal Code.
QRA	What ship or coast station is that?.....	This is
QRB	What is your distance?.....	My distance is
QRC	What is your true bearing?.....	My true bearing is degrees.
QRD	Where are you bound for?.....	I am bound for
QRF	Where are you bound from?.....	I am bound from
QRG	What line do you belong to?.....	I belong to the Line.
QRH	What is your wave length in meters?.....	My wave length is meters.
QRJ	How many words have you to send?.....	I have words to send.
QRK	How do you receive me?.....	I am receiving well.
QRL	Are you receiving badly? Shall I send 20..... · · · · · for adjustment?	I am receiving badly. Please send 20. · · · · · for adjustment.
QRM	Are you being interfered with?.....	I am being interfered with.
QRN	Are the atmospherics strong?.....	Atmospherics are very strong.
QRO	Shall I increase power?.....	Increase power.
QRP	Shall I decrease power?.....	Decrease power.
QRQ	Shall I send faster?.....	Send faster.
QRS	Shall I send slower?.....	Send slower.
QRT	Shall I stop sending?.....	Stop sending.
QRU	.....	I have nothing to transmit. I have nothing for you.
QRV	Are you ready?.....	I am ready. All right now.
QRW	Are you busy?.....	I am busy (or, I am busy with Please do not interfere).
QRX	Shall I stand by?.....	Stand by. I will call you when required.
QRY	When will be my turn?.....	Your turn will be No.
QRZ	Are my signals weak?.....	Your signals are weak.
QSA	Are my signals strong?.....	Your signals are strong.
QSB	Is my tone bad?..... Is my spark bad?.....	The tone is bad. The spark is bad.
QSC	Is my spacing bad?.....	Your spacing is bad.
QSD	What is your time?.....	My time is
QSF	Is transmission to be in alternate order or in series?.....	Transmission will be in alternate order.
QSG	.....	Transmission will be in series of 5 messages.
QSH	.....	Transmission will be in series of 10 messages.
QSJ	What rate shall I collect for?.....	Collect
QSK	Is the last radiogram canceled?.....	The last radiogram is canceled.
QSL	Did you get my receipt?.....	Please acknowledge.

¹ When an abbreviation is followed by a mark of interrogation, it refers to the question indicated for that abbreviation.

LIST OF ABBREVIATIONS TO BE USED IN RADIO COMMUNICATIONS—Continued.

Abbreviation.	Question.	Answer or notice.
QSM	What is your true course?	My true course is degrees.
QSN	Are you in communication with land?	I am not in communication with land.
QSO	Are you in communication with any ship or station (or: with)?	I am in communication with (through).
QSP	Shall I inform that you are calling him?	Inform that I am calling him.
QSQ	Is calling me?	You are being called by
QSR	Will you forward the radiogram?	I will forward the radiogram.
QST	Have you received the general call?	General call to all stations.
QSU	Please call me when you have finished (or: at o'clock).	Will call when I have finished.
QSV ¹	Is public correspondence being handled?	Public correspondence is being handled. Please do not interfere.
QSW	Shall I increase my spark frequency?	Increase your spark frequency.
QSX	Shall I decrease my spark frequency?	Decrease your spark frequency.
QSY	Shall I send on a wave length of meters?	Let us change to the wave length of meters.
QSZ	.....	Send each word twice. I have difficulty in receiving you.
QTA	.....	Repeat the last radiogram.
QTC	Have you anything to transmit?	I have something to transmit. I have one or more radiograms for
QTE	What is my true bearing?	Your true bearing is degrees from
QTF	What is my position?	Your position is latitude longitude.

¹ Public correspondence is any radio work, official or private, handled on commercial wave lengths.

Makers
Syracuse, N. Y.
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